

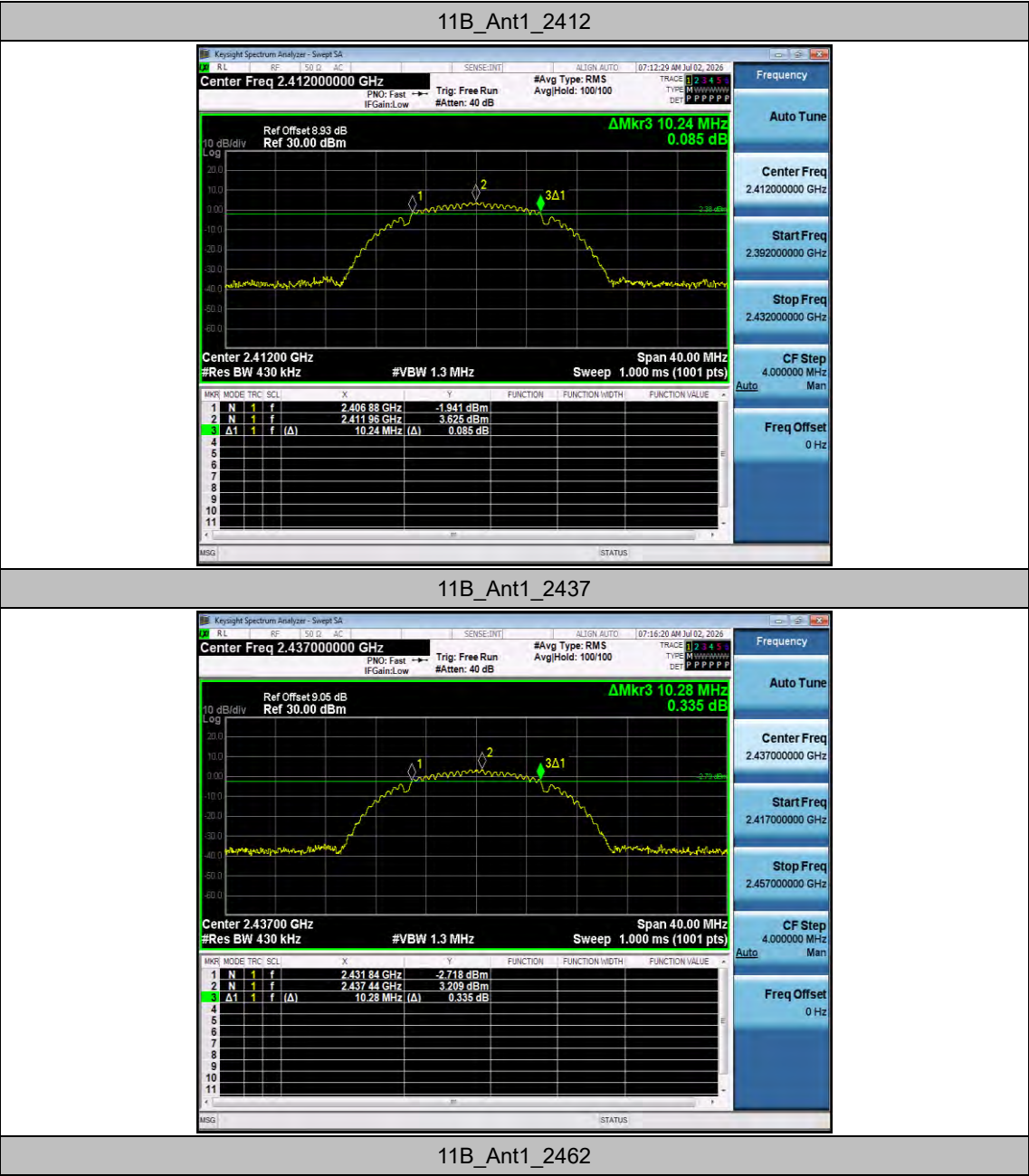
Case No. : GTS20260617003-1-03**Ambient Condition:** 23℃,56%RH,**Test Date:**2026.6.22-2026.7.20**Test Engineer:**Evan ouyang

Appendix C.1: DTS Bandwidth

Test Result

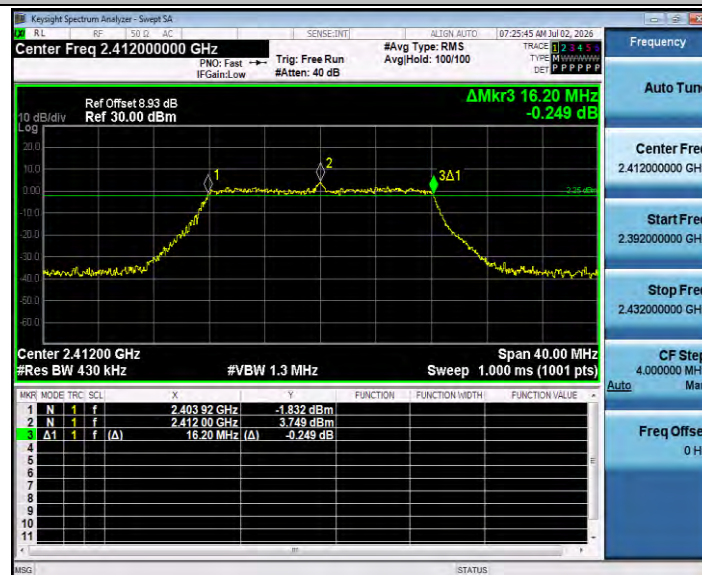
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.240	2406.880	2417.120	0.5	PASS
		2437	10.280	2431.840	2442.120	0.5	PASS
		2462	10.240	2456.880	2467.120	0.5	PASS
11G	Ant1	2412	16.200	2403.920	2420.120	0.5	PASS
		2437	16.440	2428.800	2445.240	0.5	PASS
		2462	16.200	2453.920	2470.120	0.5	PASS
11N20SISO	Ant1	2412	16.720	2403.640	2420.360	0.5	PASS
		2437	17.040	2428.440	2445.480	0.5	PASS
		2462	17.000	2453.400	2470.400	0.5	PASS
11N40SISO	Ant1	2422	36.000	2404.000	2440.000	0.5	PASS
		2437	35.840	2419.080	2454.920	0.5	PASS
		2452	35.840	2434.080	2469.920	0.5	PASS

Test Graphs

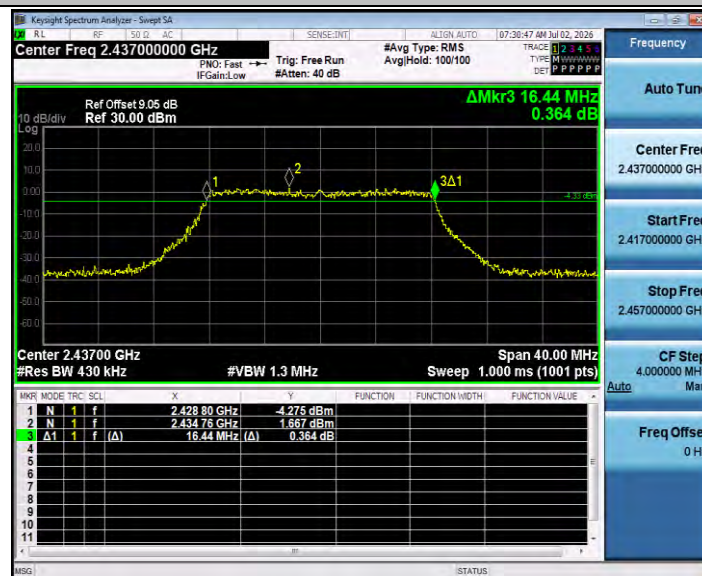




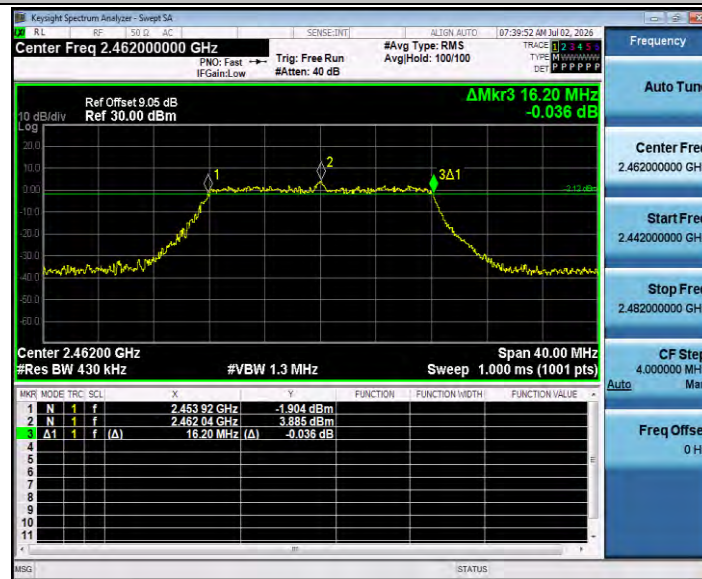
11G_Ant1_2412



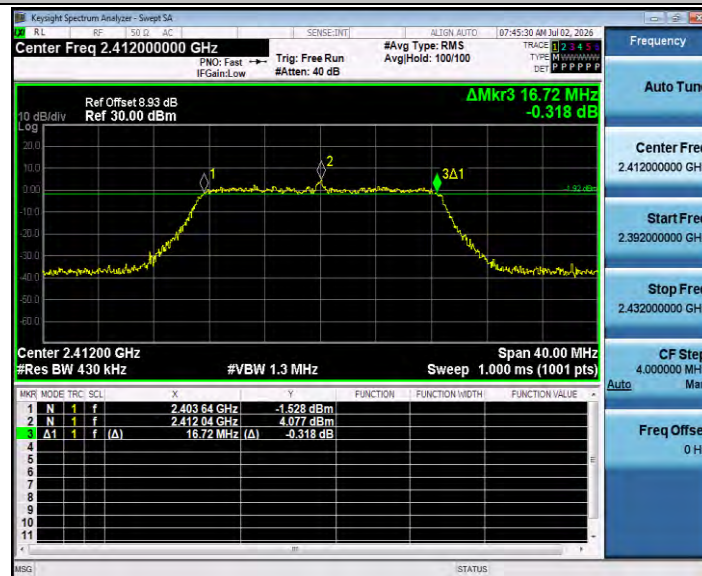
11G_Ant1_2437



11G_Ant1_2462



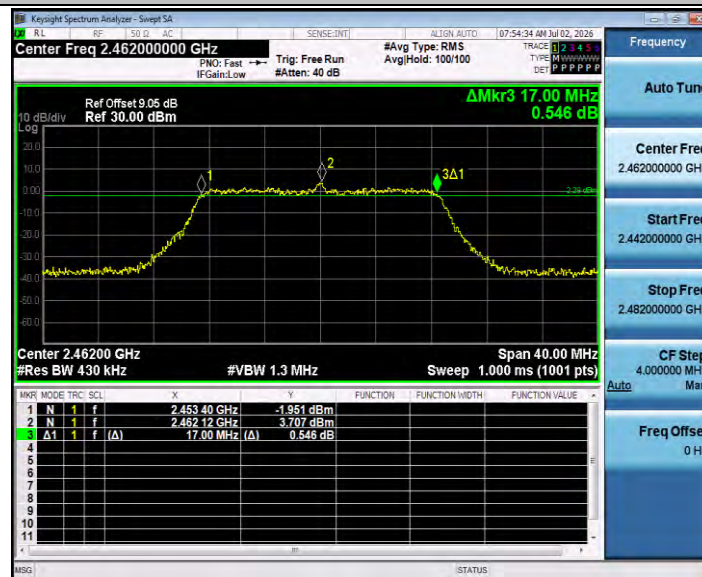
11N20SISO_Ant1_2412



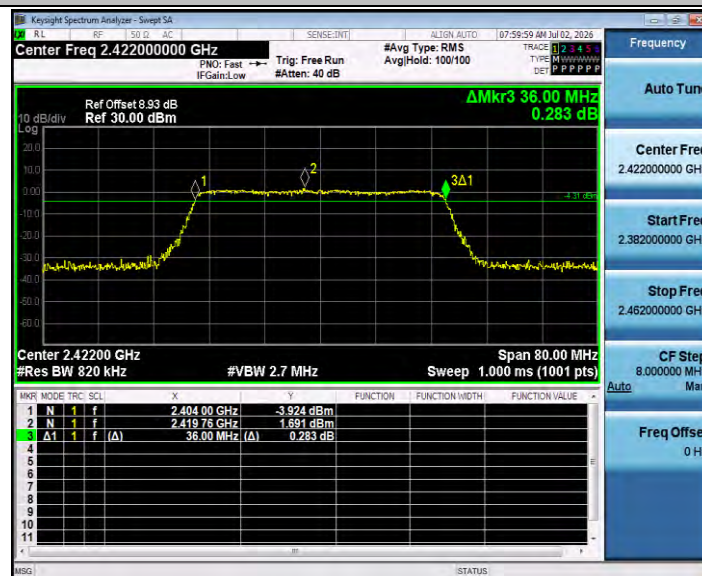
11N20SISO_Ant1_2437



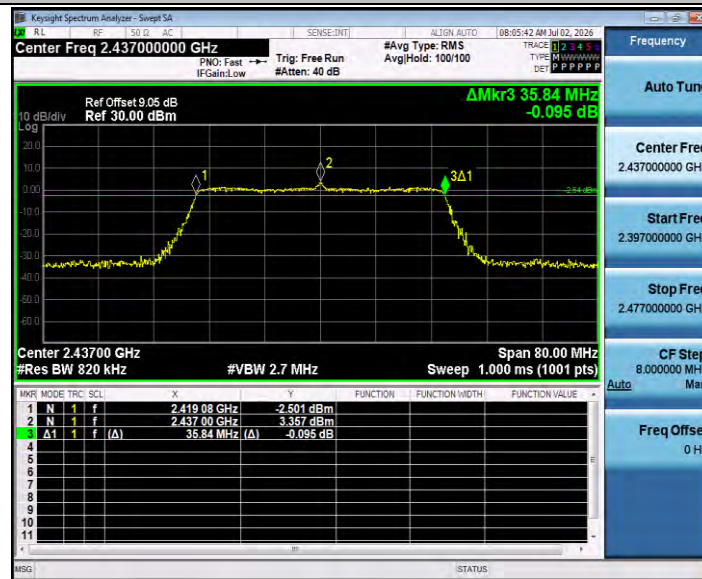
11N20SISO_Ant1_2462



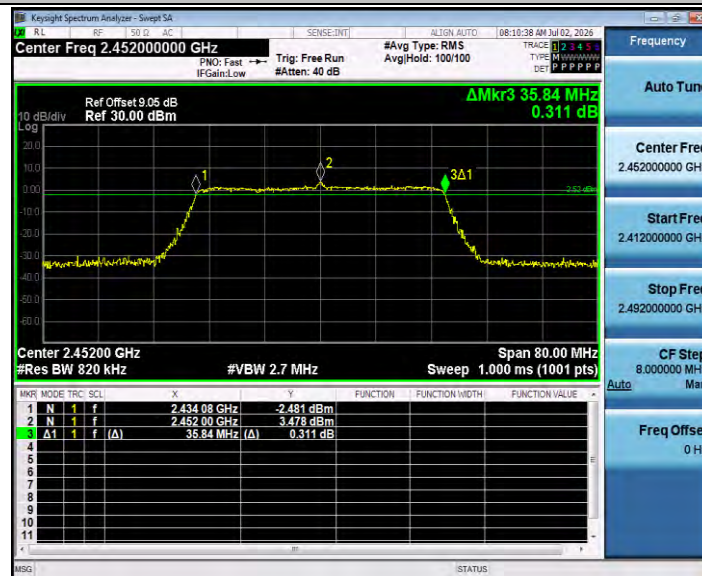
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

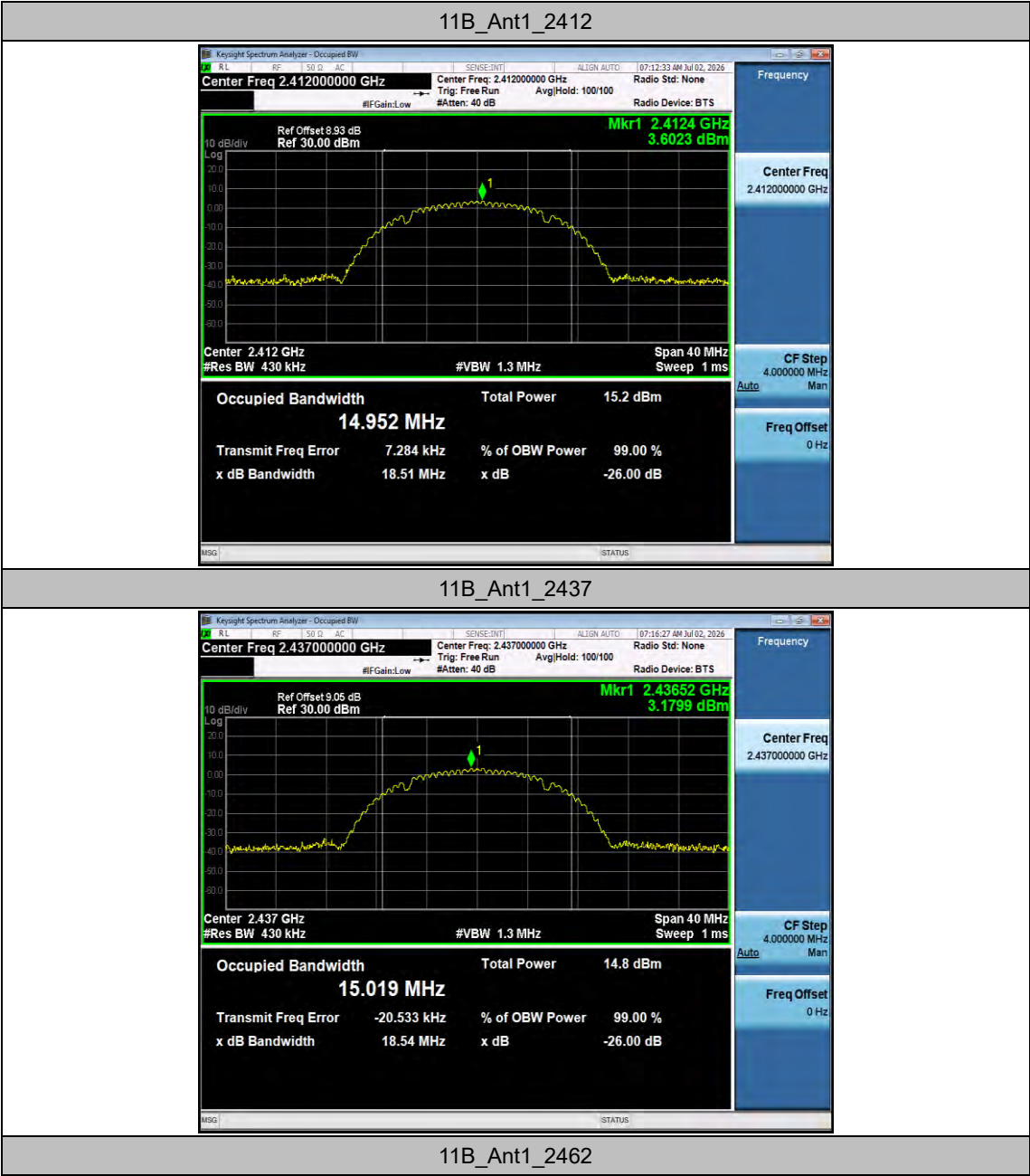


Appendix C.2: Occupied Channel Bandwidth

Test Result

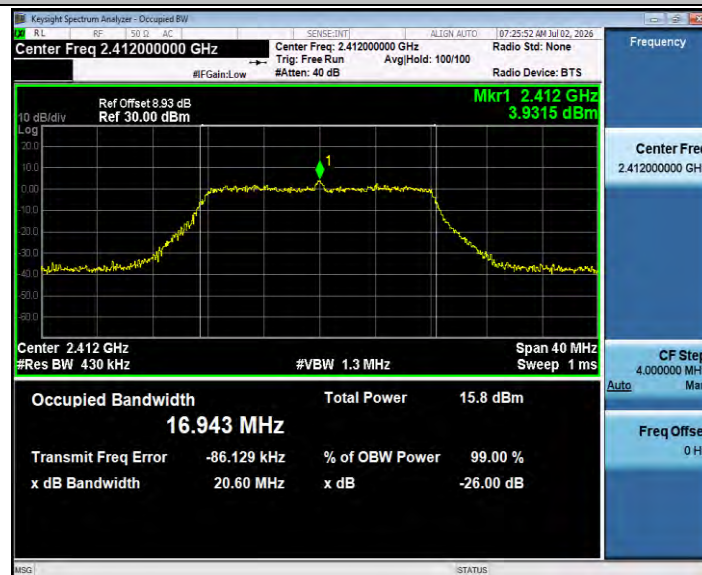
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.952	2404.5313	2419.4833	---	---
		2437	15.019	2429.4700	2444.4890	---	---
		2462	14.967	2454.5113	2469.4783	---	---
11G	Ant1	2412	16.943	2403.4424	2420.3854	---	---
		2437	16.951	2428.4062	2445.3572	---	---
		2462	16.921	2453.4498	2470.3708	---	---
11N20SISO	Ant1	2412	17.793	2403.0856	2420.8786	---	---
		2437	17.873	2428.0131	2445.8861	---	---
		2462	17.818	2453.0800	2470.8980	---	---
11N40SISO	Ant1	2422	36.368	2403.7996	2440.1676	---	---
		2437	36.379	2418.8106	2455.1896	---	---
		2452	36.346	2433.8245	2470.1705	---	---

Test Graphs

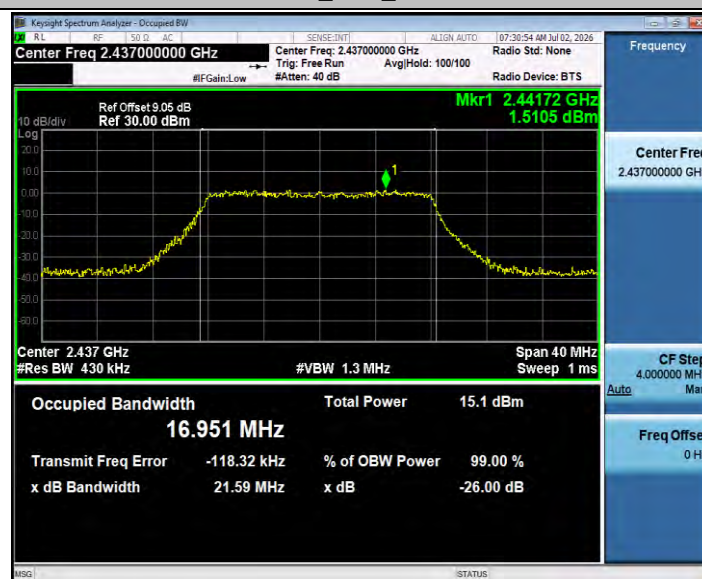




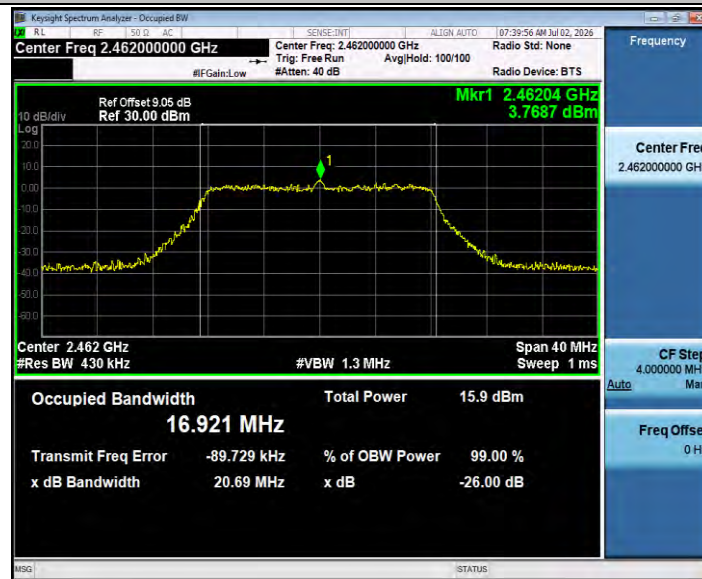
11G_Ant1_2412



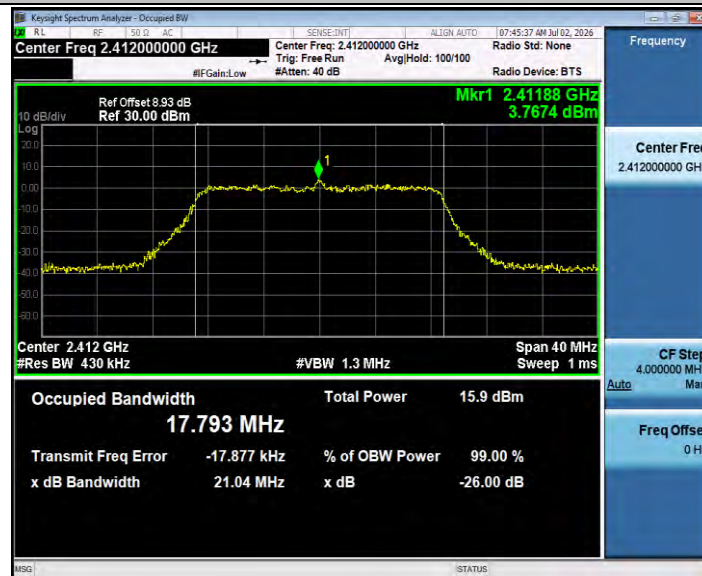
11G_Ant1_2437



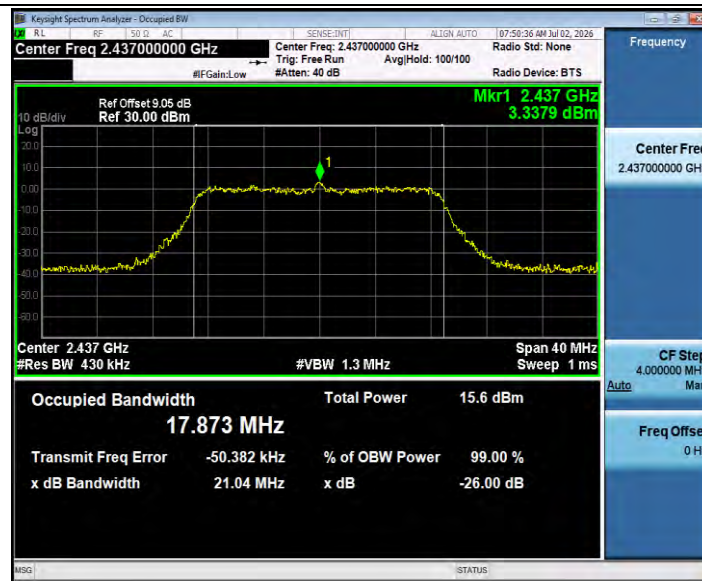
11G_Ant1_2462



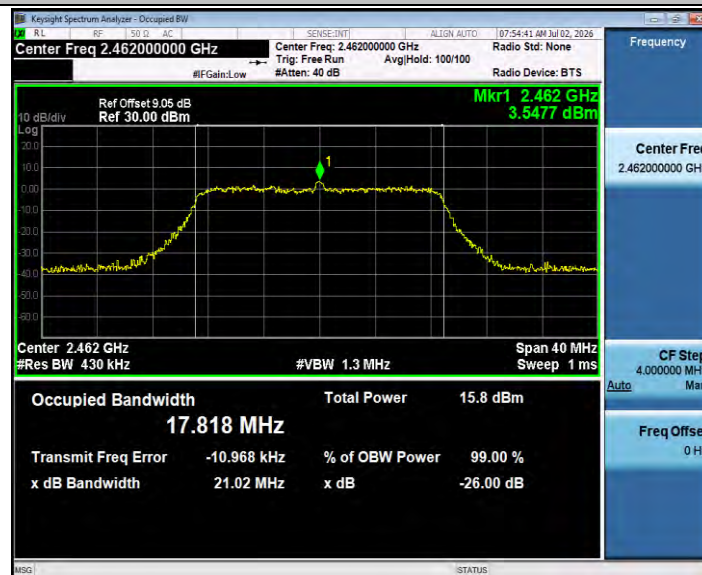
11N20SISO_Ant1_2412



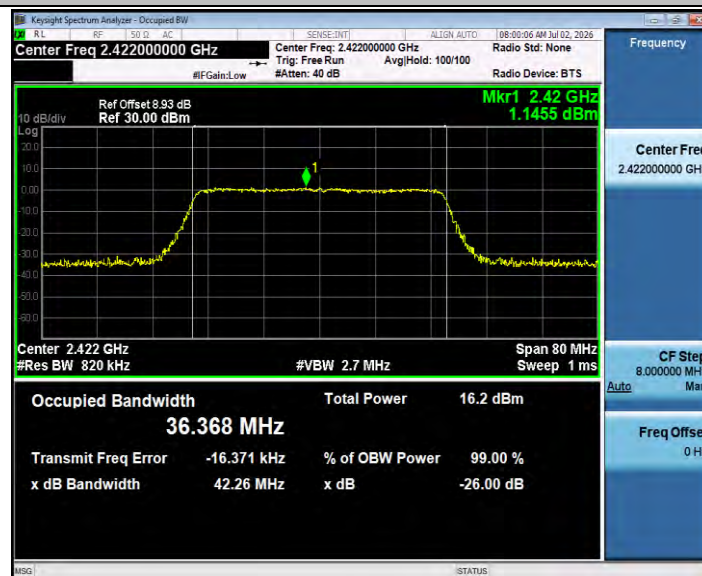
11N20SISO_Ant1_2437



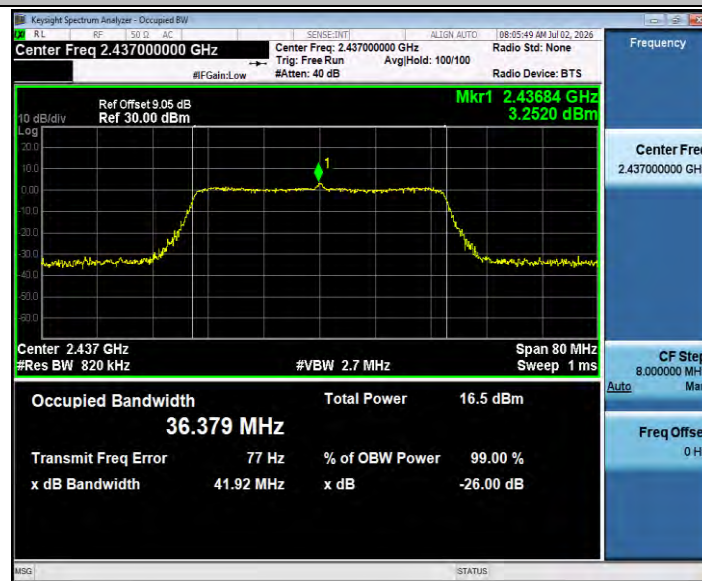
11N20SISO_Ant1_2462



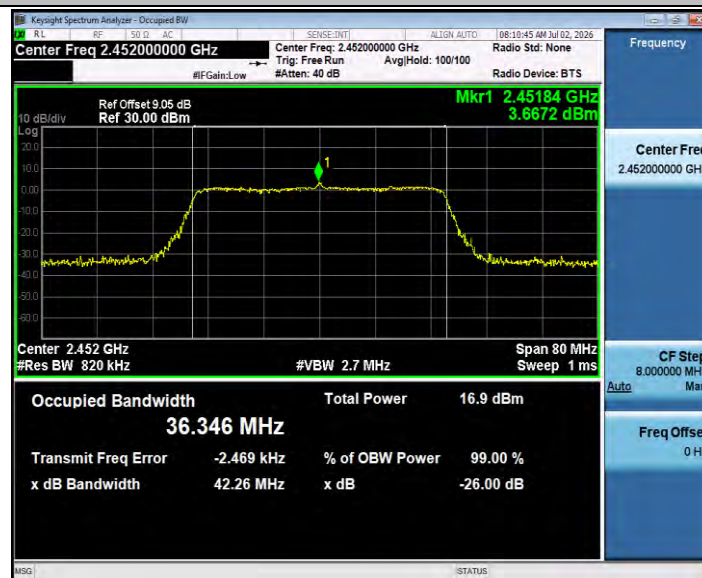
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result

DC 11.4V by battery

Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.51	≤30.00	PASS
		2437	15.09	≤30.00	PASS
		2462	15.35	≤30.00	PASS
11G	Ant1	2412	16.95	≤30.00	PASS
		2437	16.17	≤30.00	PASS
		2462	17.03	≤30.00	PASS
11N20SISO	Ant1	2412	17.24	≤30.00	PASS
		2437	16.91	≤30.00	PASS
		2462	17.12	≤30.00	PASS
11N40SISO	Ant1	2422	16.43	≤30.00	PASS
		2437	16.81	≤30.00	PASS
		2452	17.24	≤30.00	PASS

DC 7.6V by battery

Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.12	≤30.00	PASS
		2437	14.97	≤30.00	PASS
		2462	15.06	≤30.00	PASS
11G	Ant1	2412	16.35	≤30.00	PASS
		2437	15.87	≤30.00	PASS
		2462	16.75	≤30.00	PASS
11N20SISO	Ant1	2412	16.83	≤30.00	PASS
		2437	16.58	≤30.00	PASS
		2462	16.89	≤30.00	PASS
11N40SISO	Ant1	2422	16.03	≤30.00	PASS
		2437	16.41	≤30.00	PASS
		2452	16.62	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-4.90	≤8.00	PASS
		2437	-5.25	≤8.00	PASS
		2462	-4.87	≤8.00	PASS
11G	Ant1	2412	-0.22	≤8.00	PASS
		2437	-5.30	≤8.00	PASS
		2462	-0.11	≤8.00	PASS
11N20SISO	Ant1	2412	-0.17	≤8.00	PASS
		2437	-0.53	≤8.00	PASS
		2462	-0.13	≤8.00	PASS
11N40SISO	Ant1	2422	-5.01	≤8.00	PASS
		2437	-0.54	≤8.00	PASS
		2452	-0.34	≤8.00	PASS

Test Graphs

11B_Ant1_2412



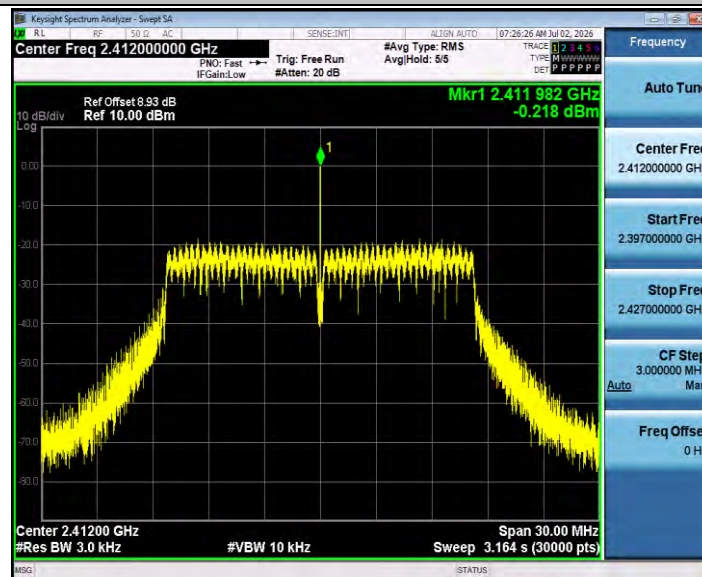
11B_Ant1_2437



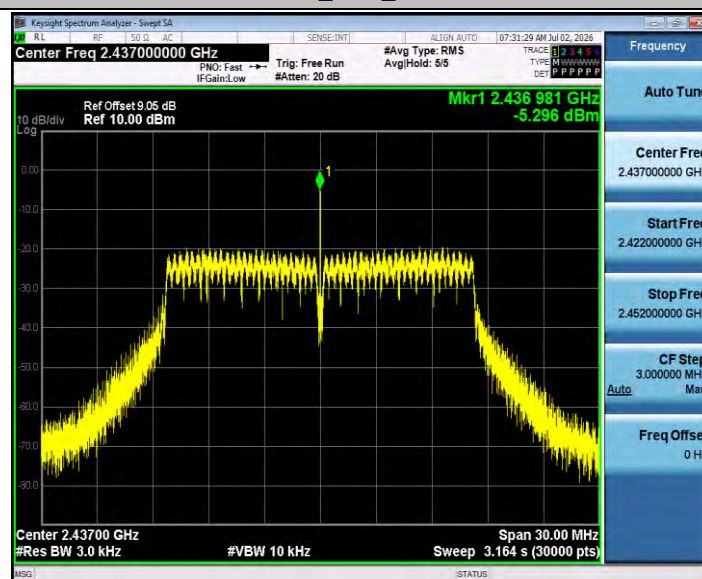
11B_Ant1_2462



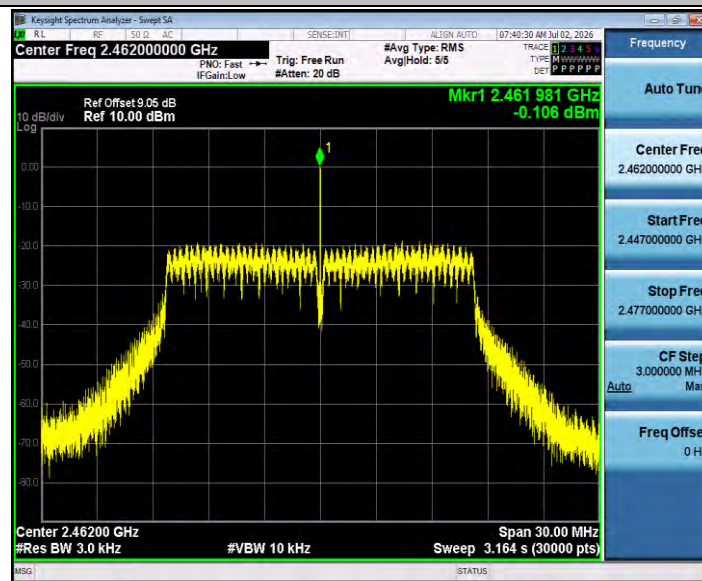
11G_Ant1_2412



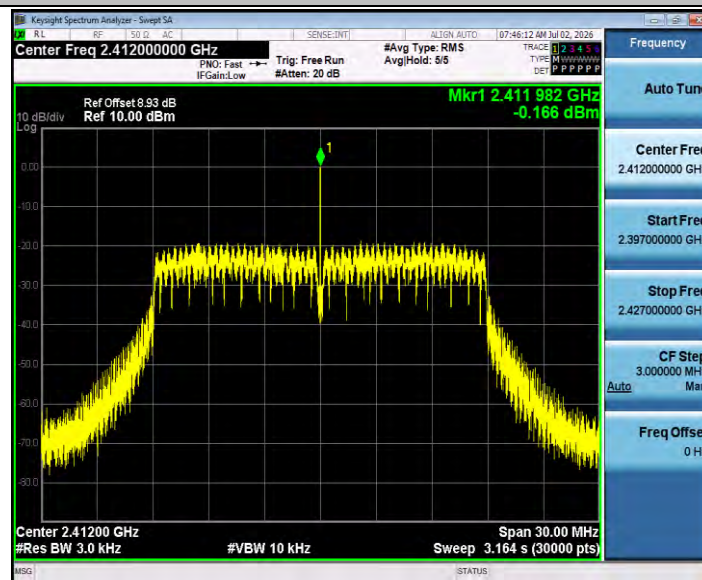
11G_Ant1_2437



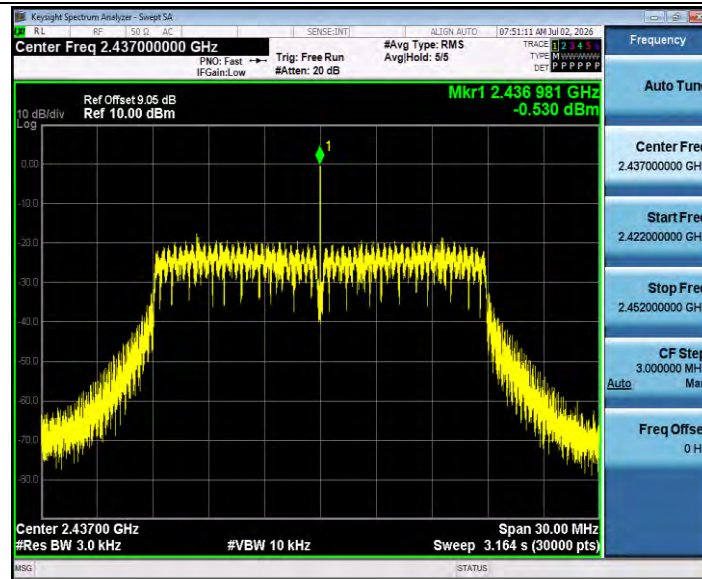
11G_Ant1_2462



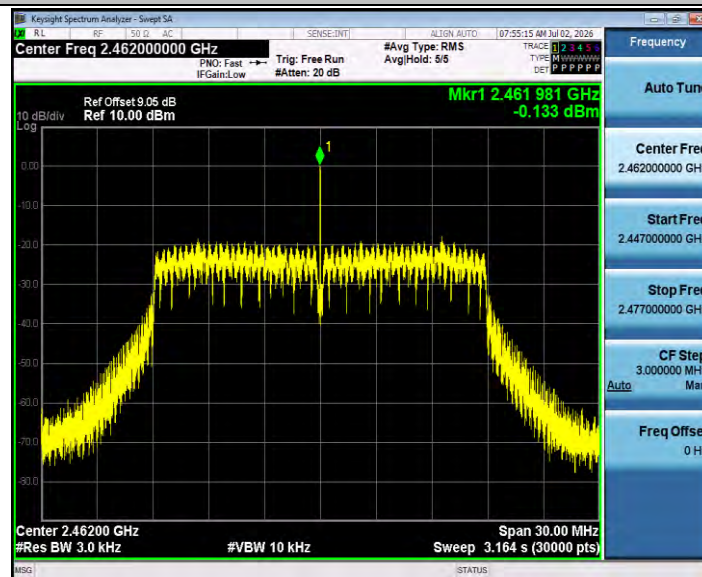
11N20SISO_Ant1_2412



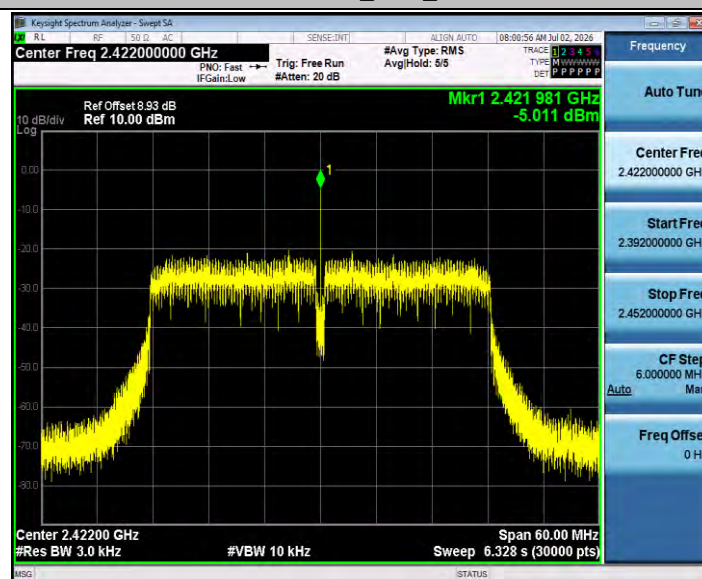
11N20SISO_Ant1_2437



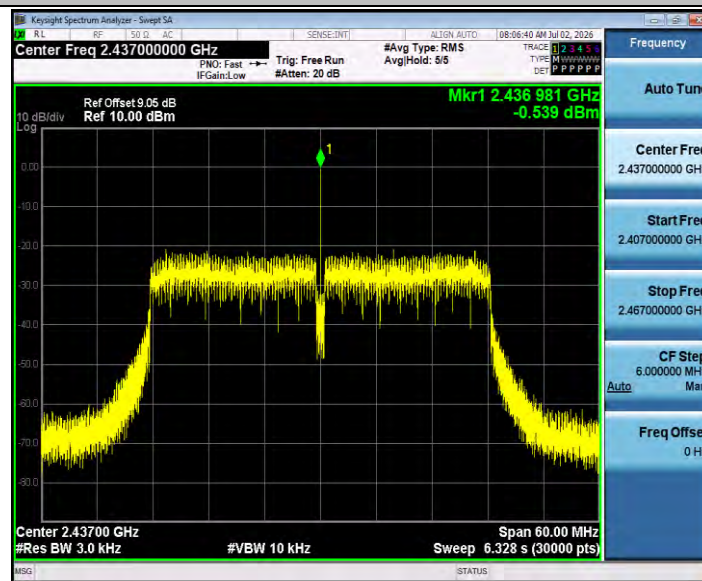
11N20SISO_Ant1_2462



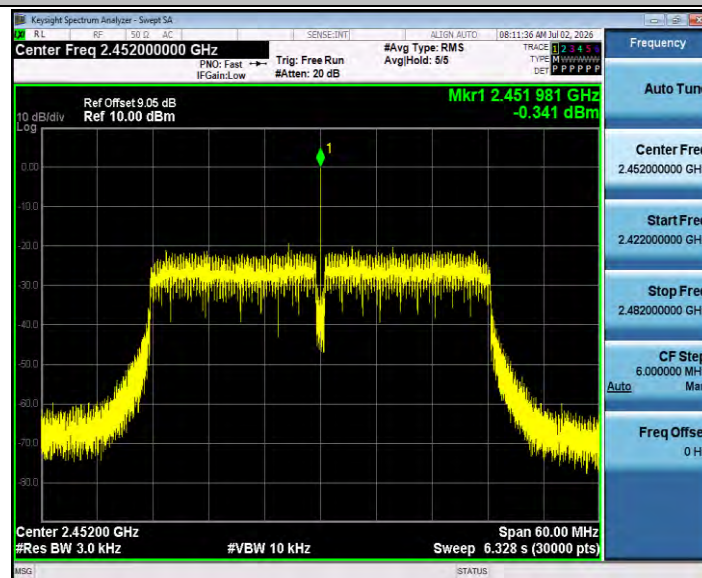
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

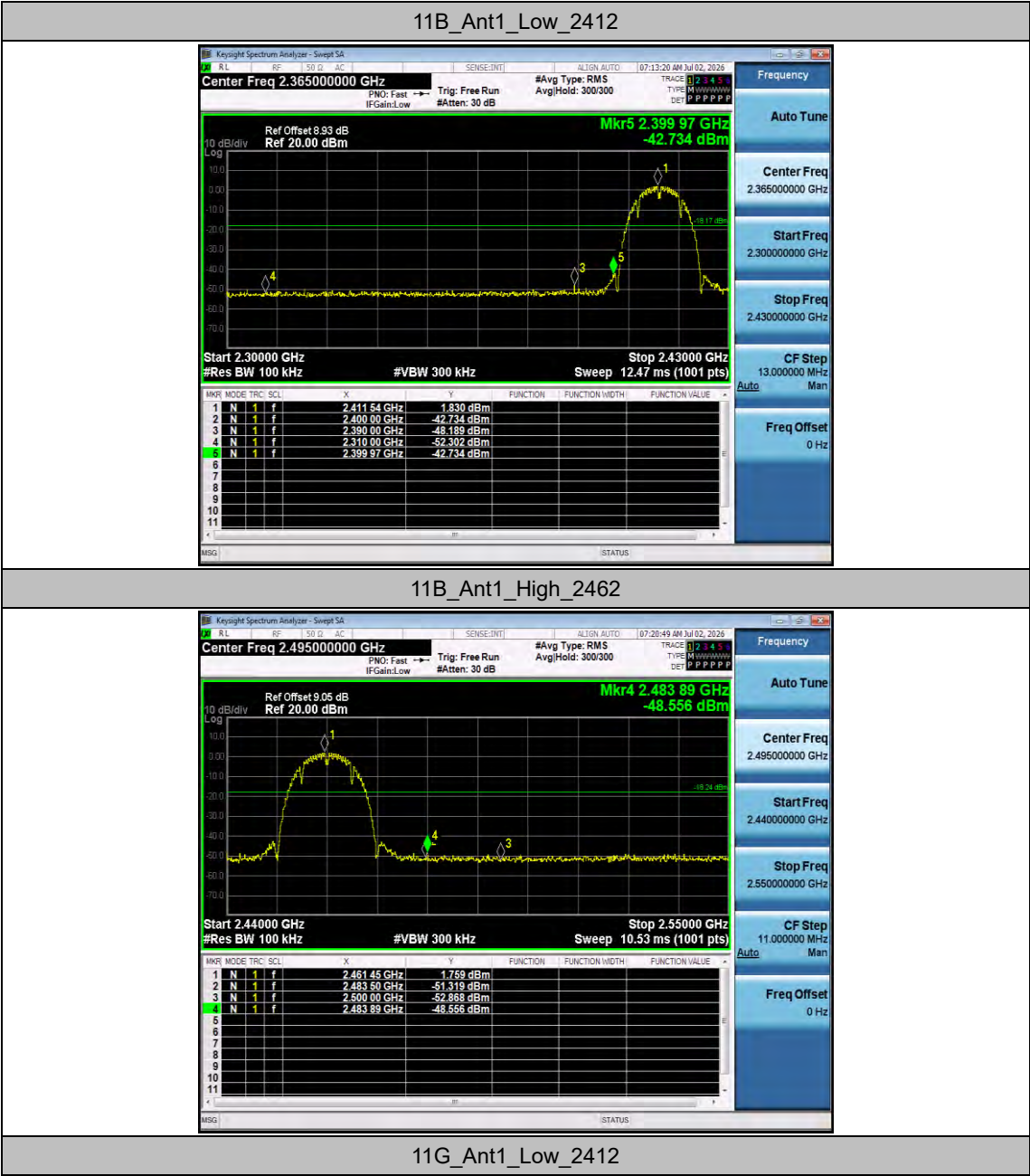


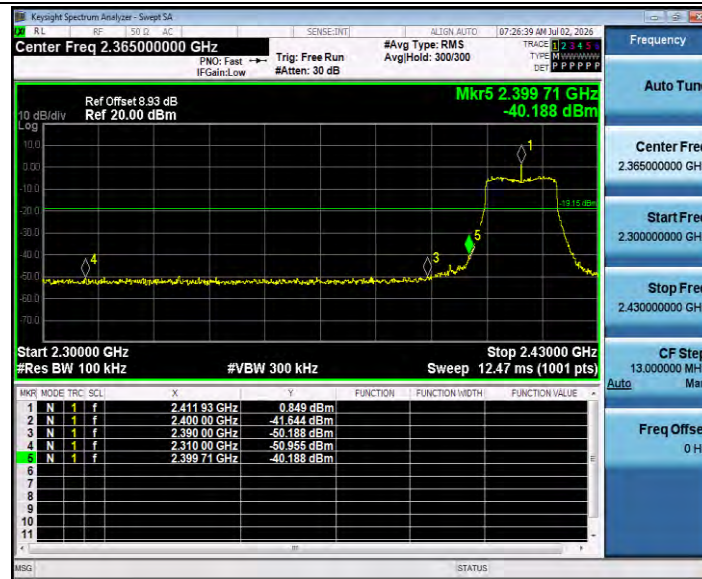
Appendix C.5:Band edge measurements

Test Result

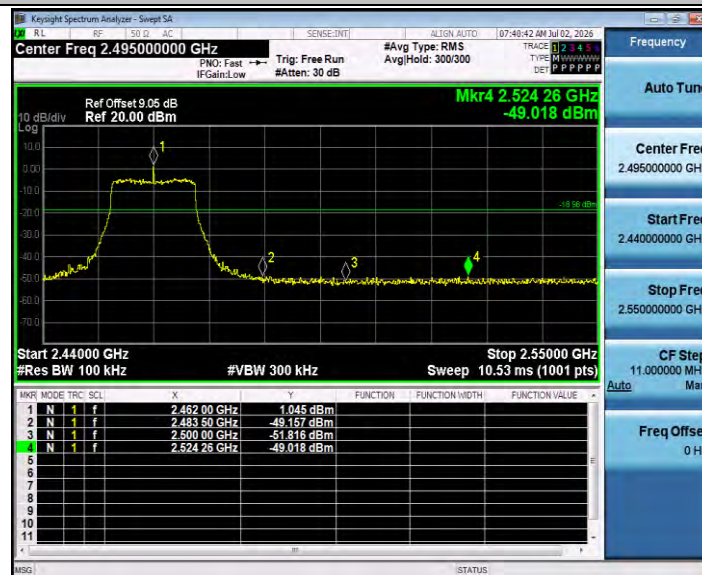
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.83	-42.73	≤-18.17	PASS
		High	2462	1.76	-48.56	≤-18.24	PASS
11G	Ant1	Low	2412	0.85	-40.19	≤-19.15	PASS
		High	2462	1.05	-49.02	≤-18.96	PASS
11N20SISO	Ant1	Low	2412	0.62	-40.02	≤-19.38	PASS
		High	2462	0.77	-48.36	≤-19.23	PASS
11N40SISO	Ant1	Low	2422	-4.30	-41.99	≤-24.3	PASS
		High	2452	0.06	-46.36	≤-19.94	PASS

Test Graphs

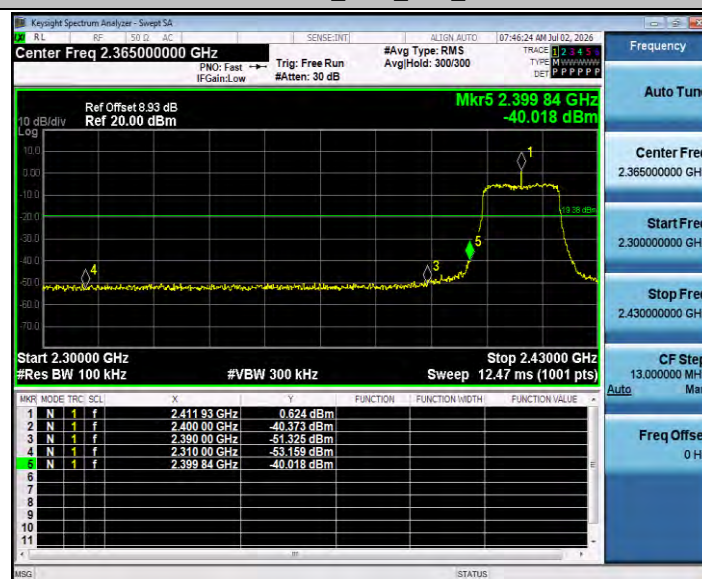




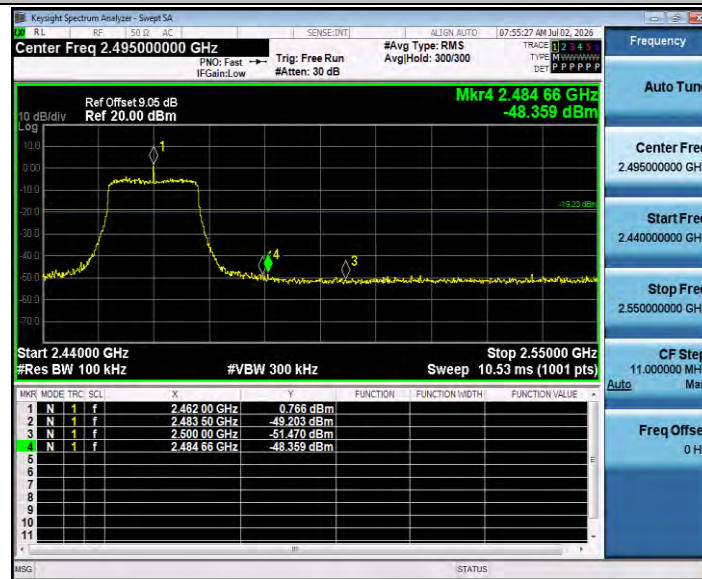
11G_Ant1_High_2462



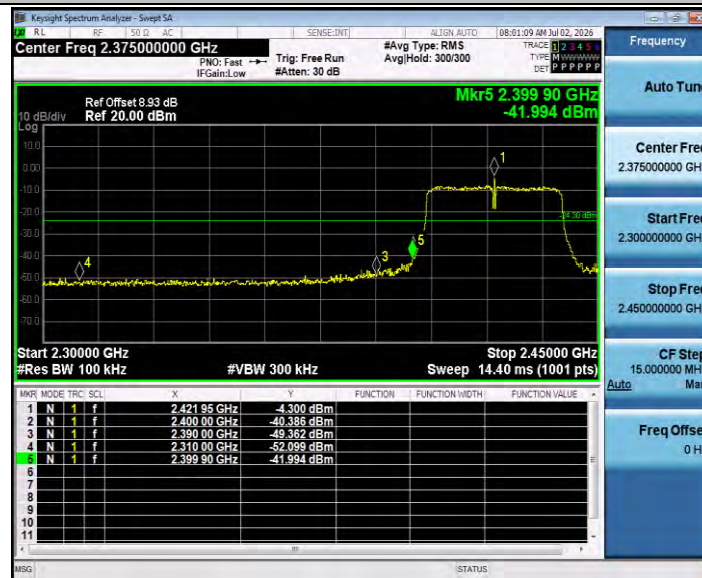
11N20SISO_Ant1_Low_2412



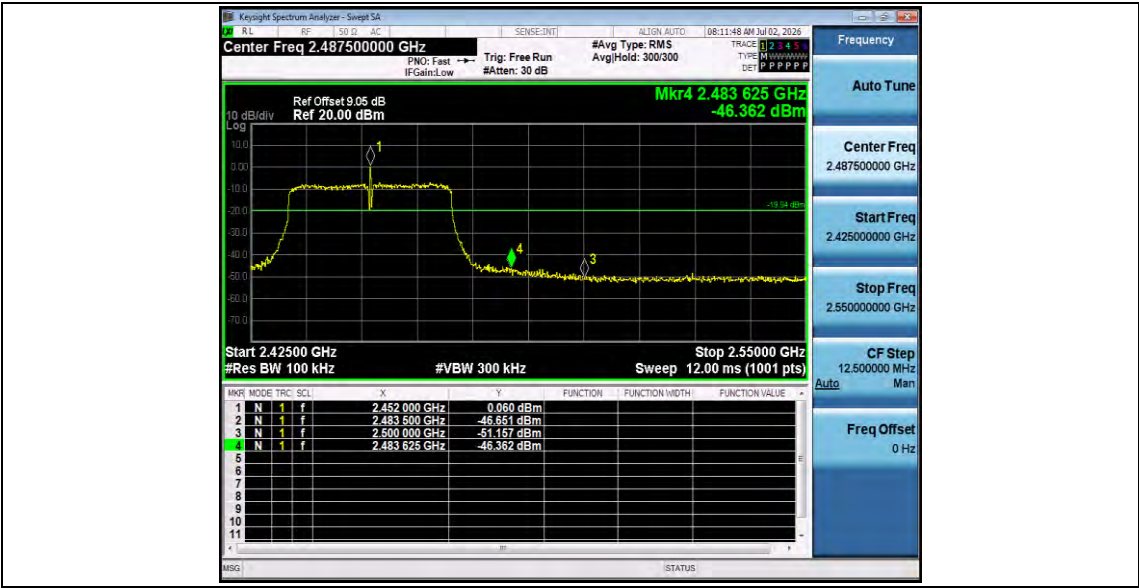
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

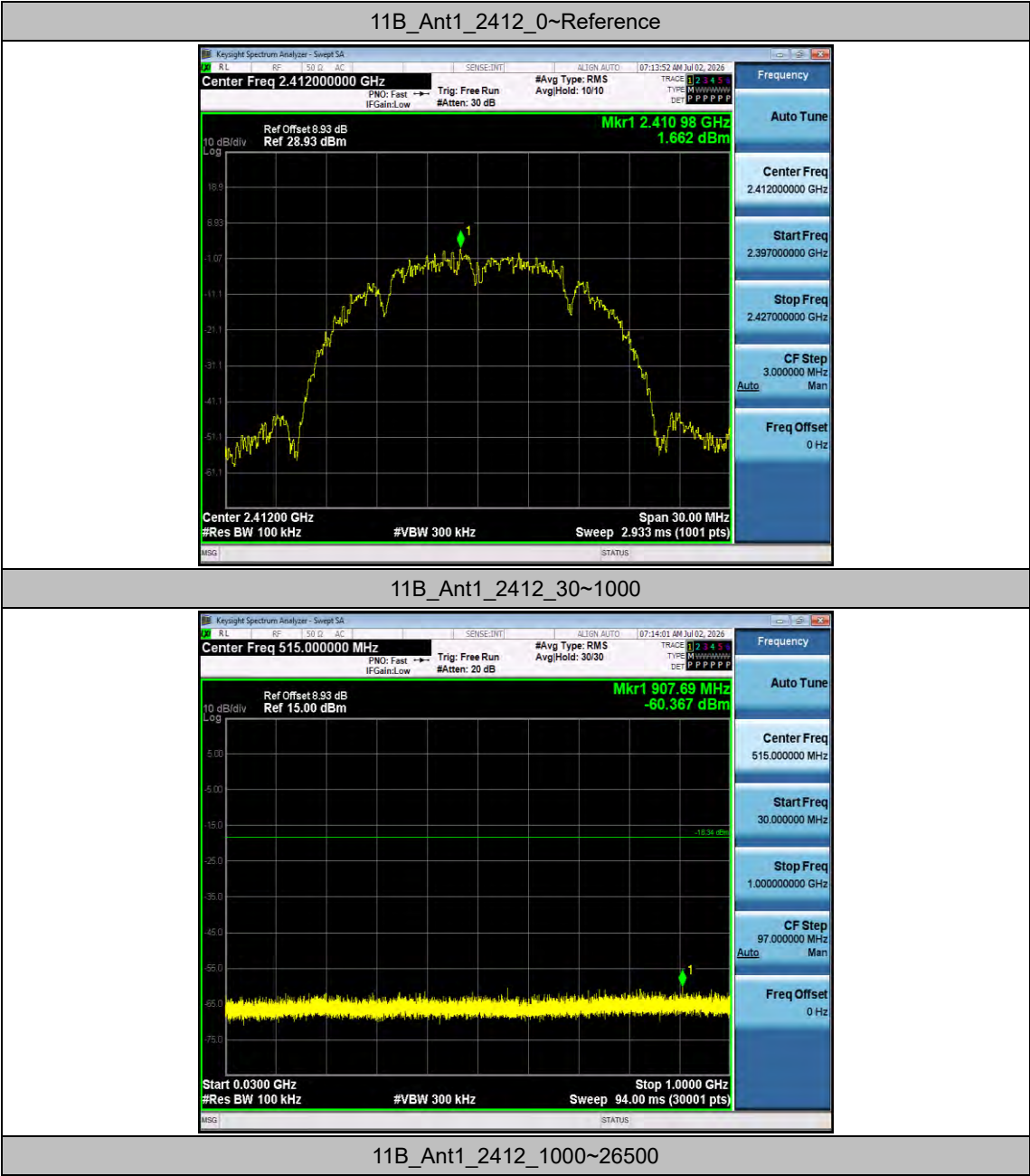


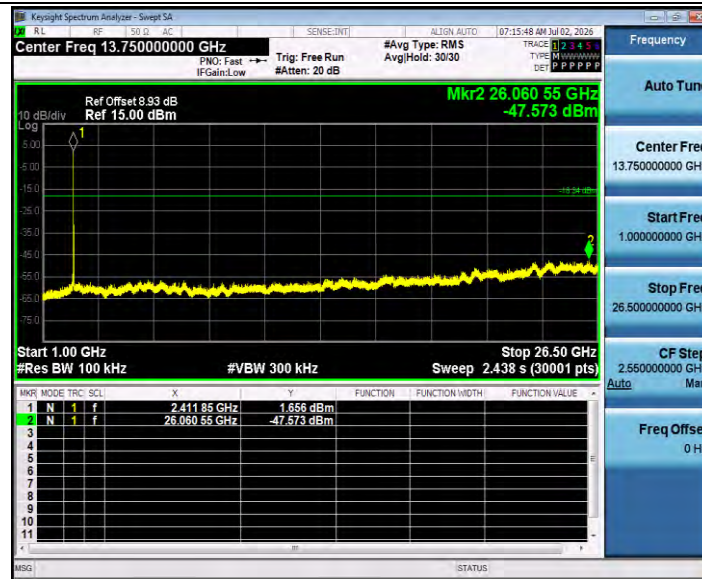
Appendix C.6:Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	1.66	1.66	---	PASS
			30~1000	1.66	-60.37	≤-18.34	PASS
			1000~26500	1.66	-47.57	≤-18.34	PASS
		2437	Reference	1.34	1.34	---	PASS
			30~1000	1.34	-60.21	≤-18.66	PASS
			1000~26500	1.34	-46.61	≤-18.66	PASS
		2462	Reference	1.71	1.71	---	PASS
			30~1000	1.71	-60.22	≤-18.29	PASS
			1000~26500	1.71	-47.72	≤-18.29	PASS
11G	Ant1	2412	Reference	0.16	0.16	---	PASS
			30~1000	0.16	-60.79	≤-19.84	PASS
			1000~26500	0.16	-47.71	≤-19.84	PASS
		2437	Reference	-4.16	-4.16	---	PASS
			30~1000	-4.16	-60.34	≤-24.16	PASS
			1000~26500	-4.16	-46.7	≤-24.16	PASS
		2462	Reference	1.01	1.01	---	PASS
			30~1000	1.01	-60.95	≤-18.99	PASS
			1000~26500	1.01	-47.68	≤-18.99	PASS
11N20SISO	Ant1	2412	Reference	0.36	0.36	---	PASS
			30~1000	0.36	-60.19	≤-19.64	PASS
			1000~26500	0.36	-46.7	≤-19.64	PASS
		2437	Reference	0.22	0.22	---	PASS
			30~1000	0.22	-60.32	≤-19.78	PASS
			1000~26500	0.22	-47.22	≤-19.78	PASS
		2462	Reference	0.63	0.63	---	PASS
			30~1000	0.63	-60.49	≤-19.37	PASS
			1000~26500	0.63	-48.17	≤-19.37	PASS
11N40SISO	Ant1	2422	Reference	-4.58	-4.58	---	PASS
			30~1000	-4.58	-60.46	≤-24.58	PASS
			1000~26500	-4.58	-48.05	≤-24.58	PASS
		2437	Reference	-0.05	-0.05	---	PASS
			30~1000	-0.05	-60.52	≤-20.05	PASS
			1000~26500	-0.05	-47.66	≤-20.05	PASS
		2452	Reference	-0.01	-0.01	---	PASS
			30~1000	-0.01	-60.39	≤-20.01	PASS
			1000~26500	-0.01	-47.77	≤-20.01	PASS

Test Graphs

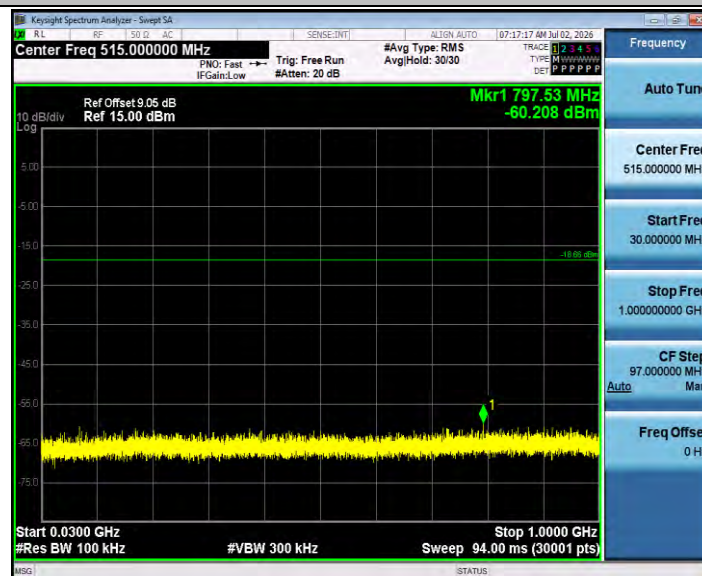


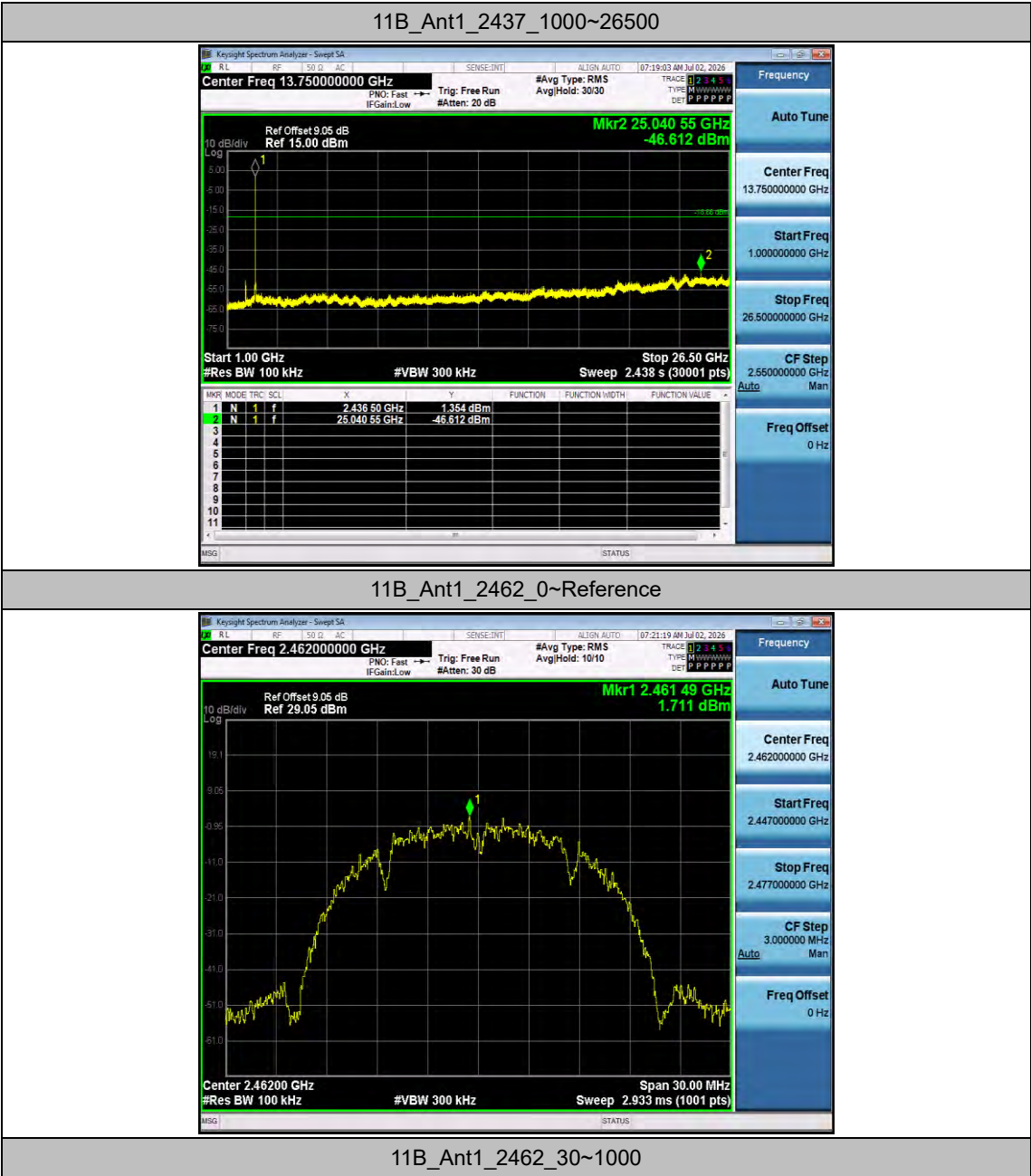


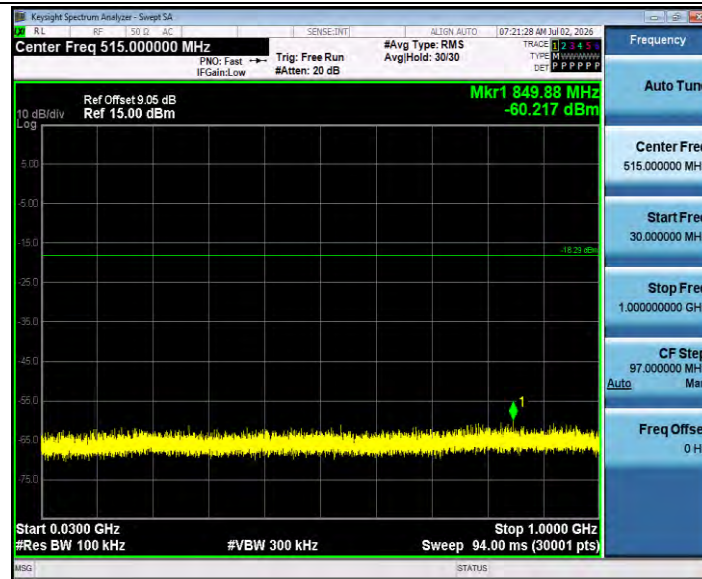
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



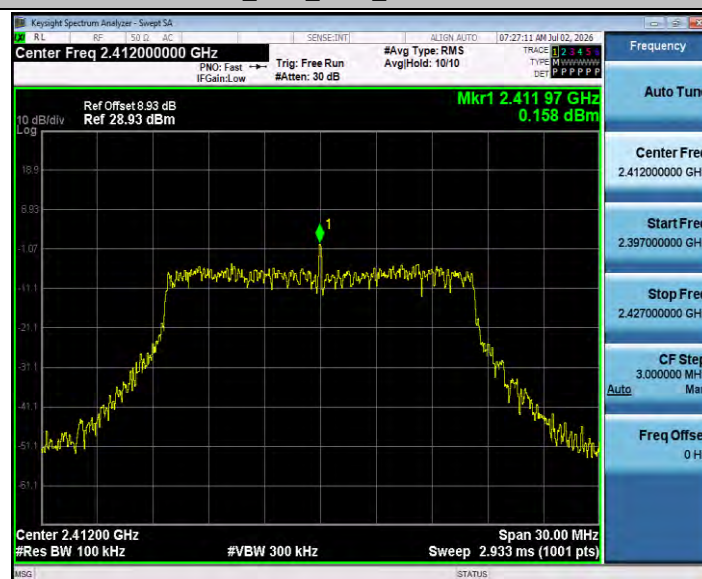


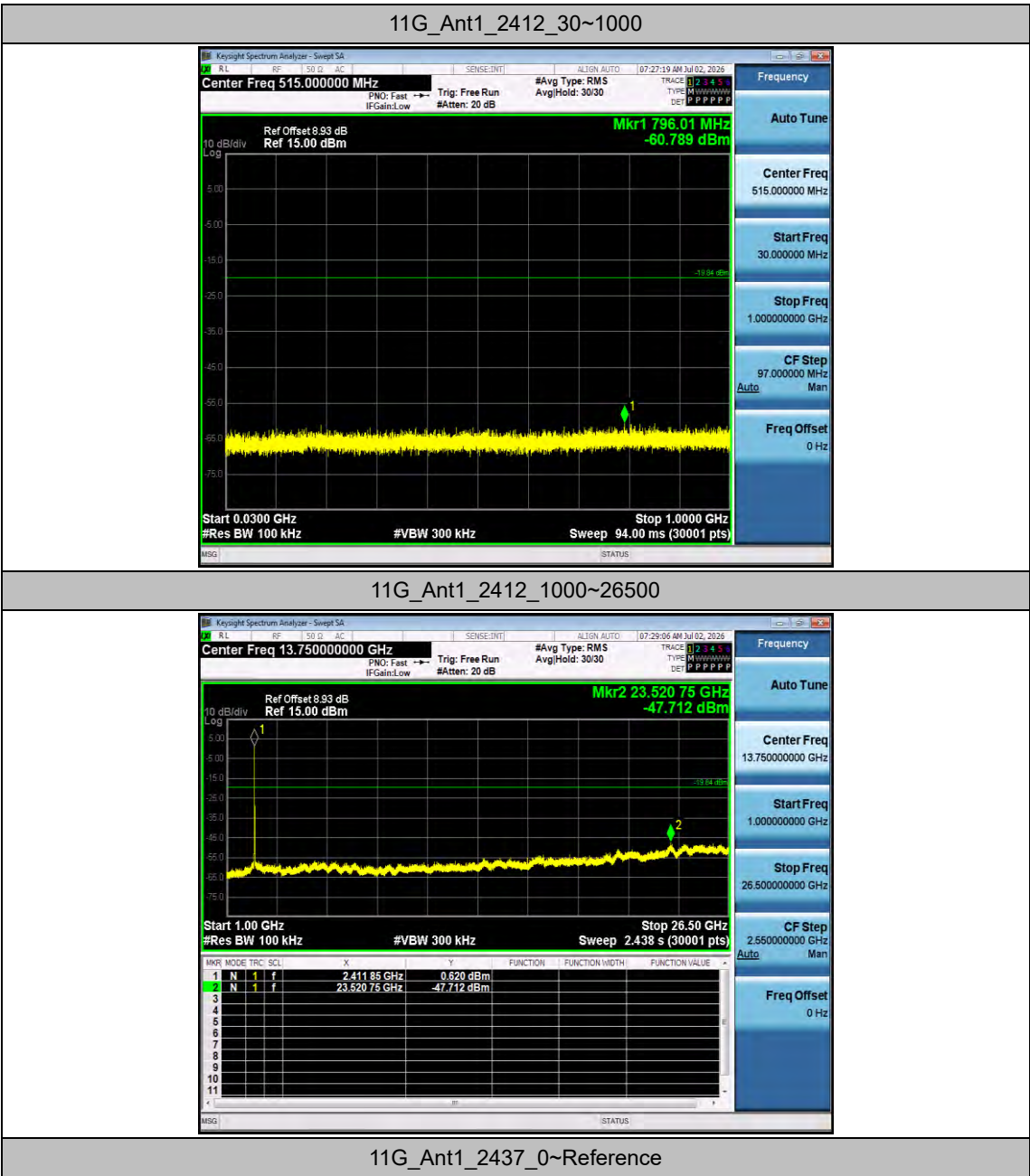


11B_Ant1_2462_1000~26500



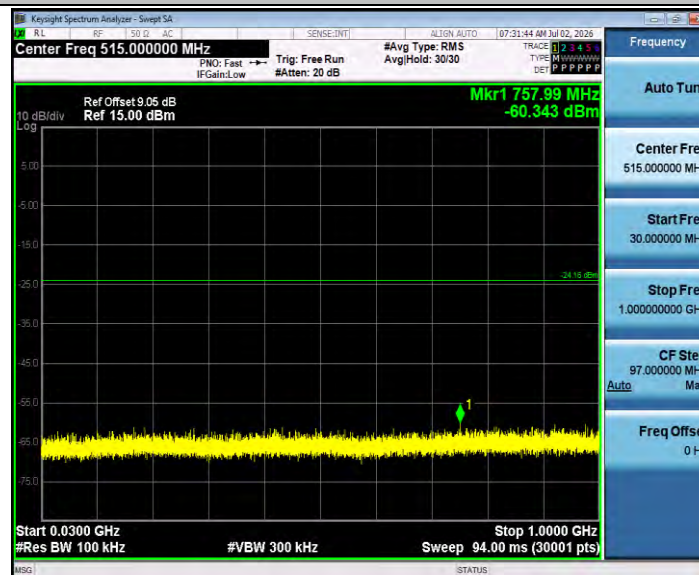
11G_Ant1_2412_0~Reference







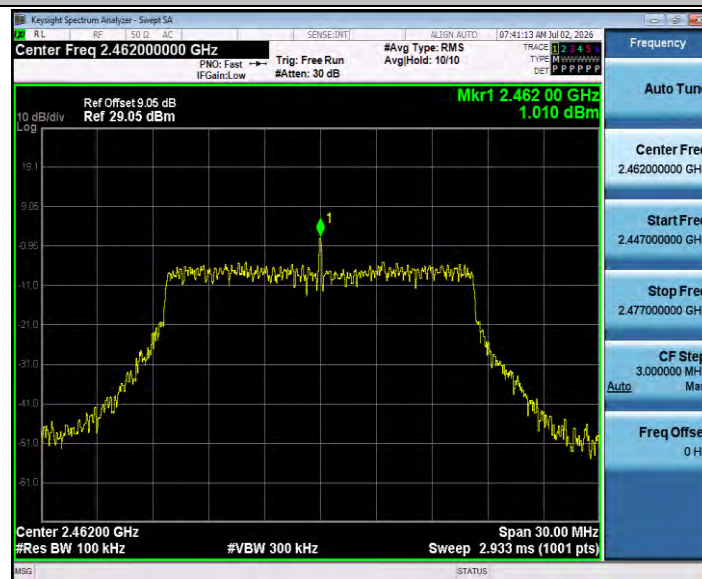
11G_Ant1_2437_30~1000



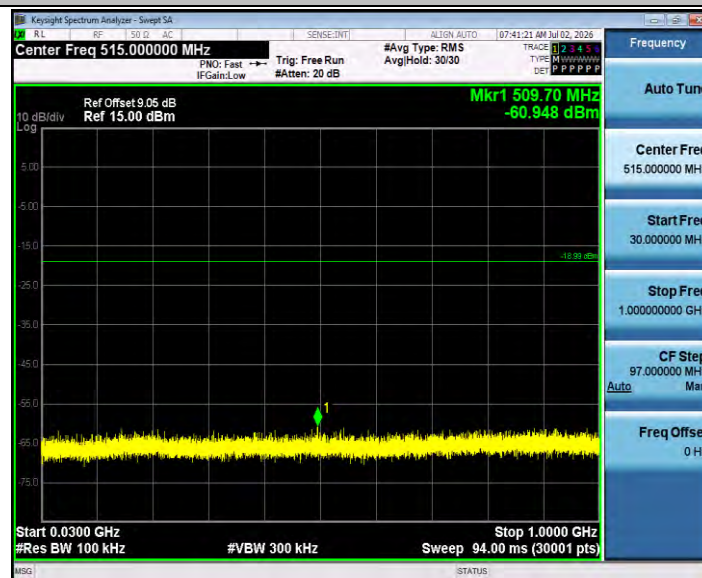
11G_Ant1_2437_1000~26500



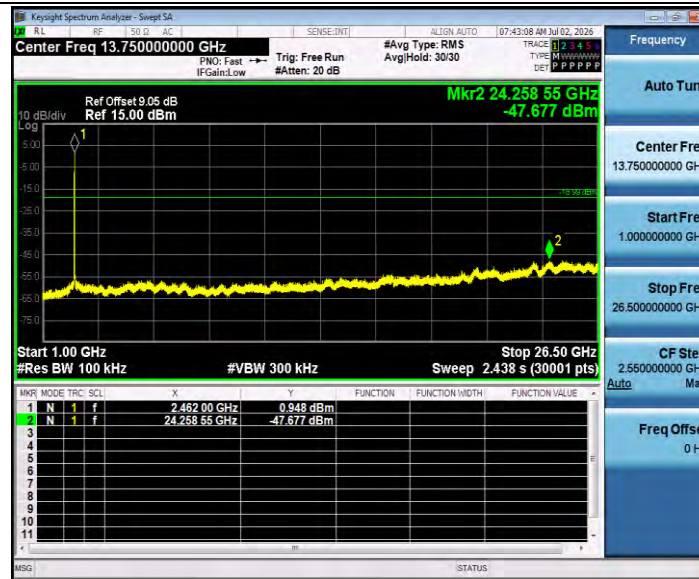
11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



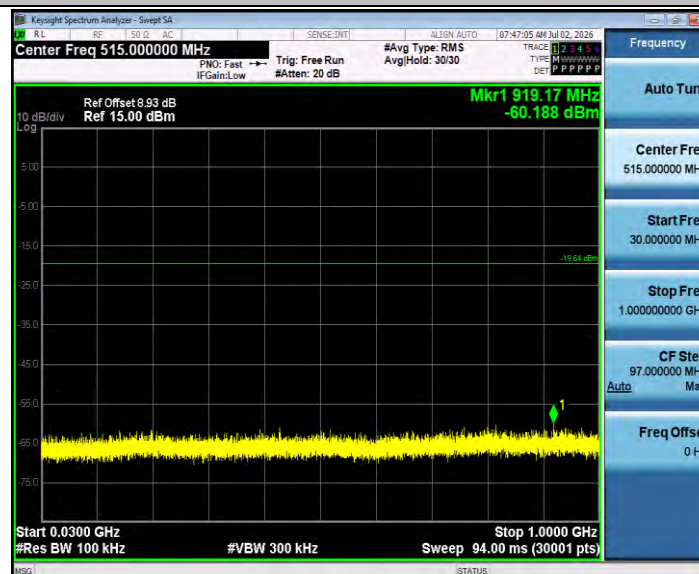
11G_Ant1_2462_1000~26500



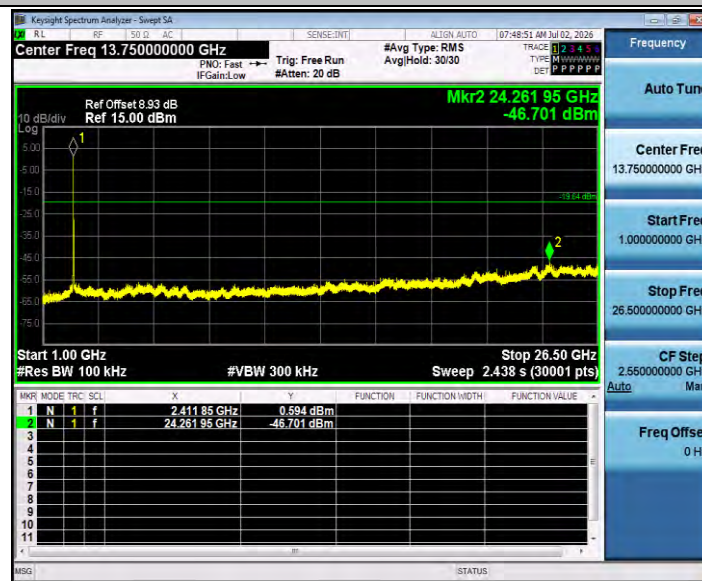
11N20SISO_Ant1_2412_0~Reference



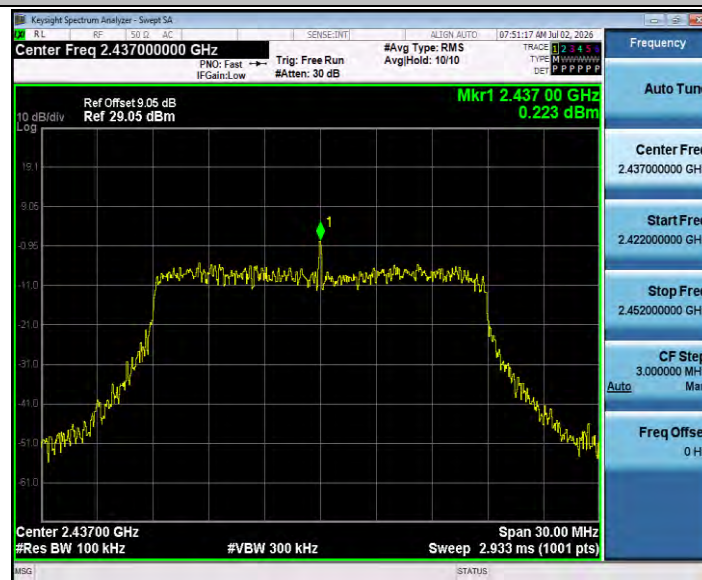
11N20SISO_Ant1_2412_30~1000



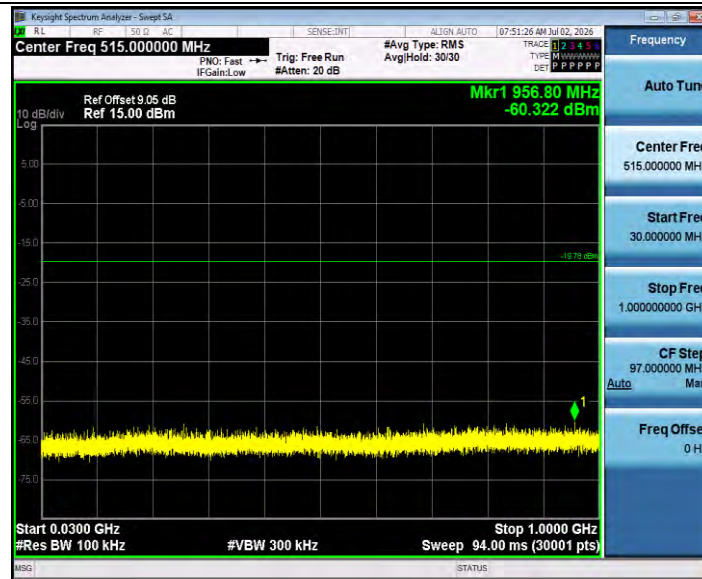
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



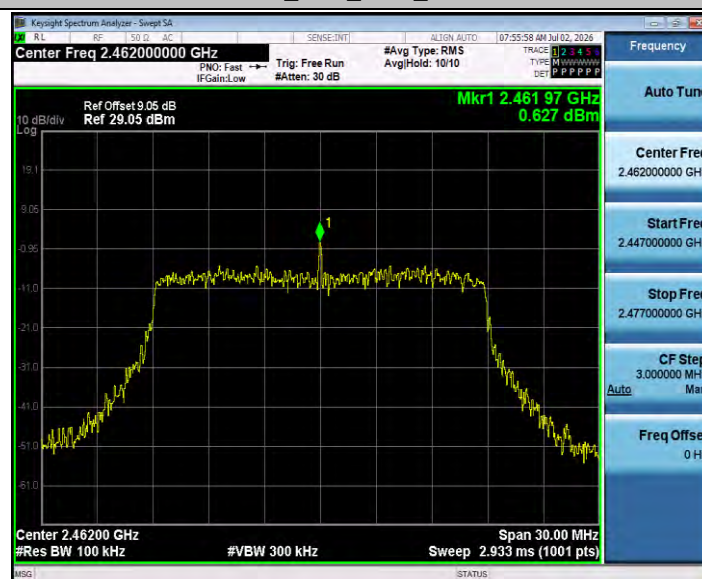
11N20SISO_Ant1_2437_30~1000

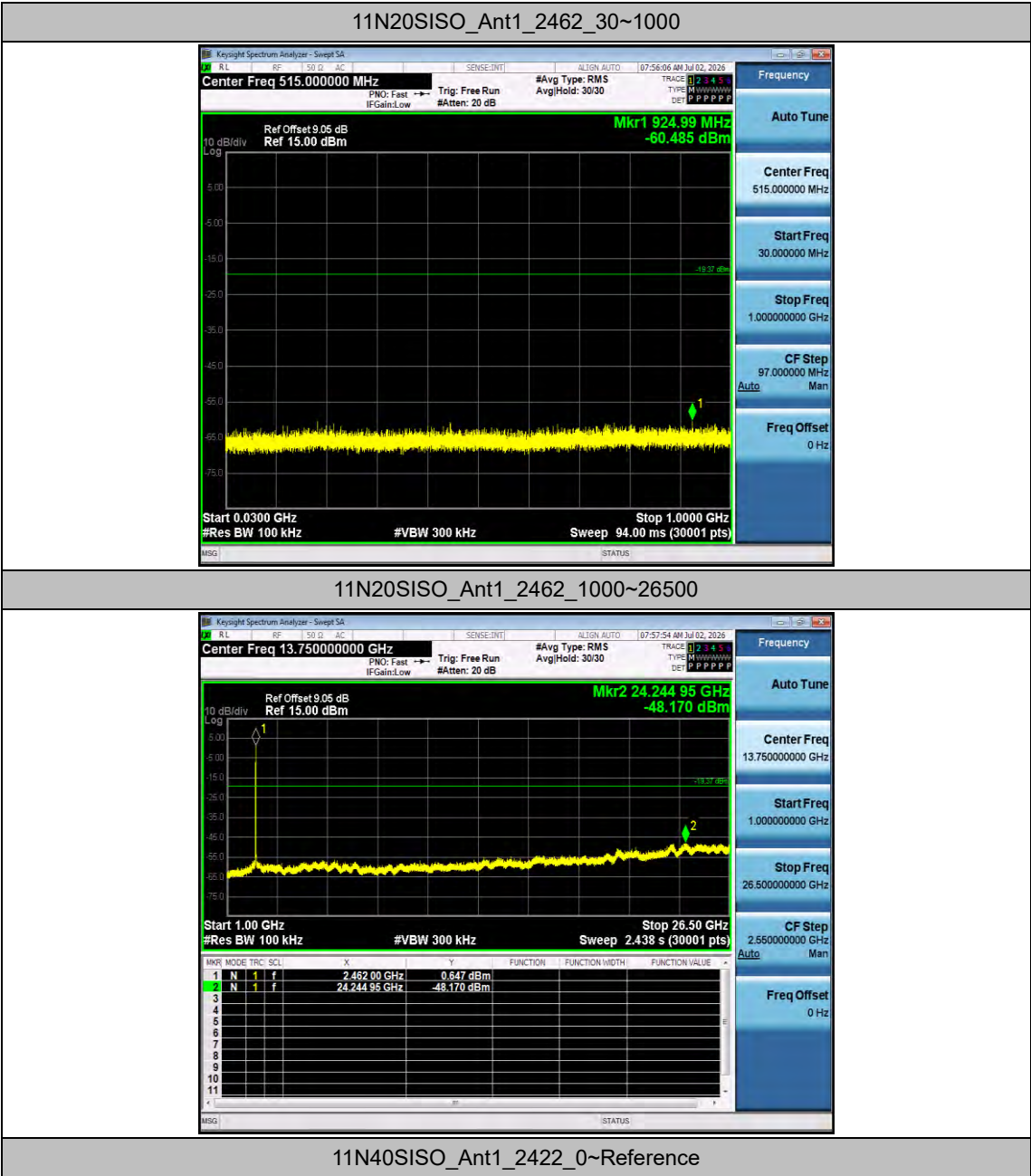


11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



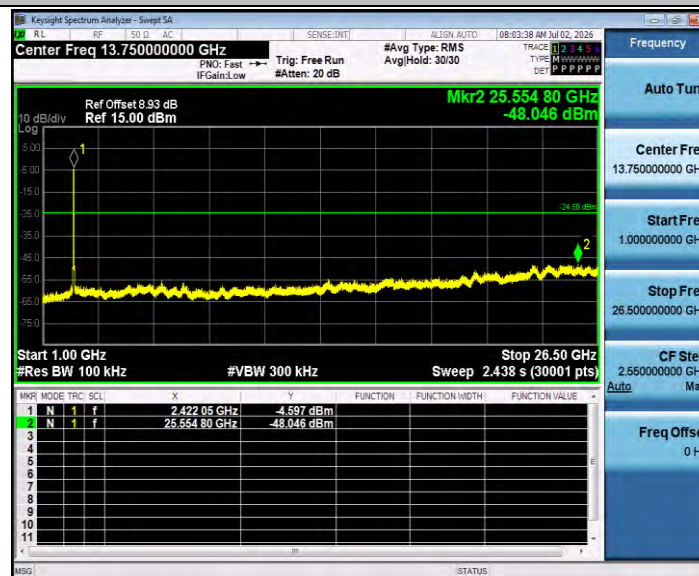




11N40SISO_Ant1_2422_30~1000



11N40SISO_Ant1_2422_1000~26500



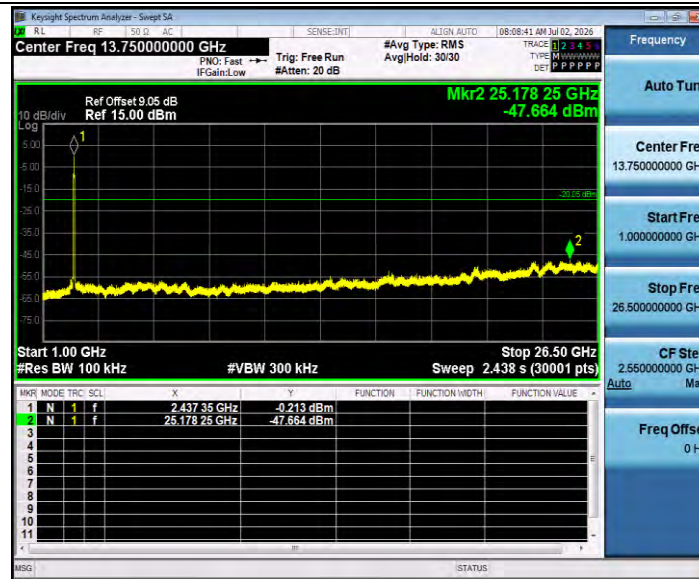
11N40SISO_Ant1_2437_0~Reference



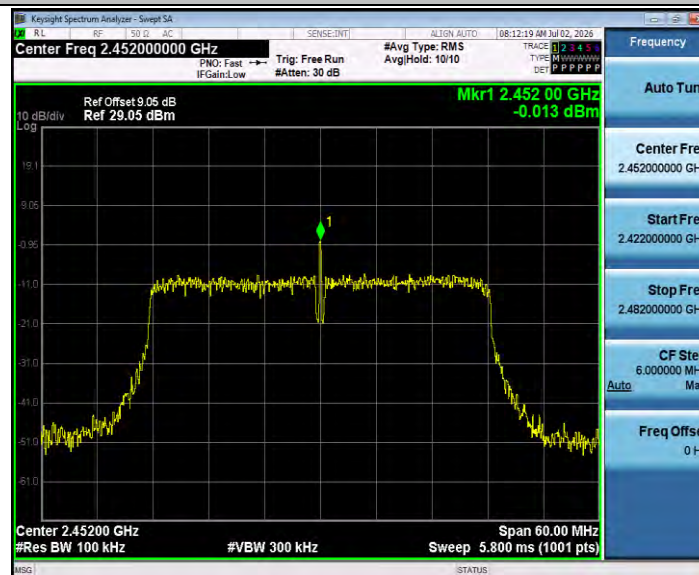
11N40SISO_Ant1_2437_30~1000



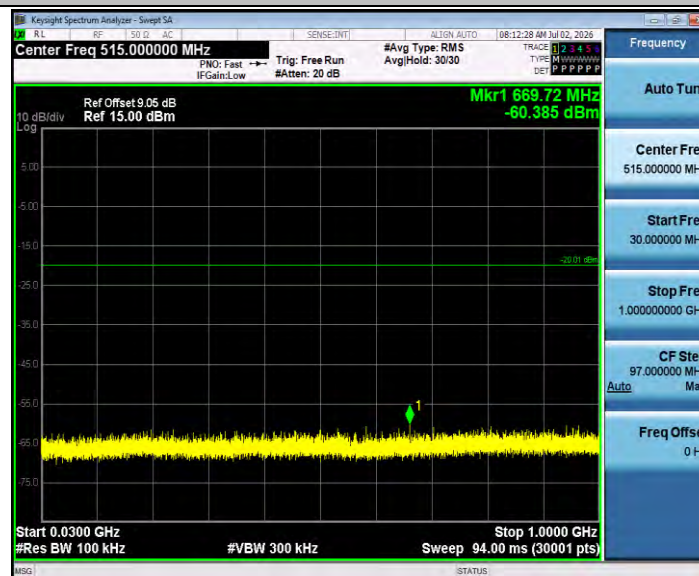
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



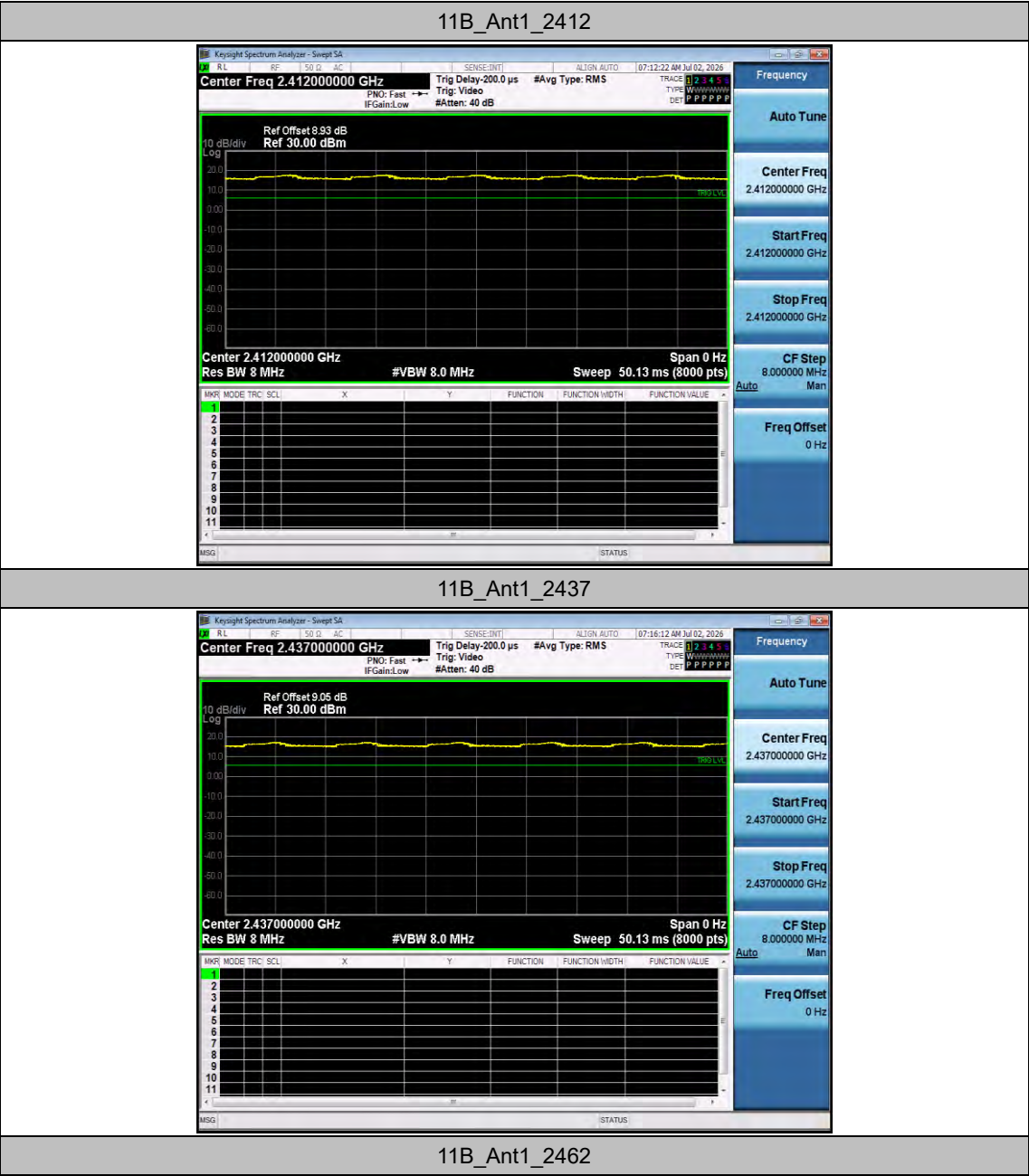


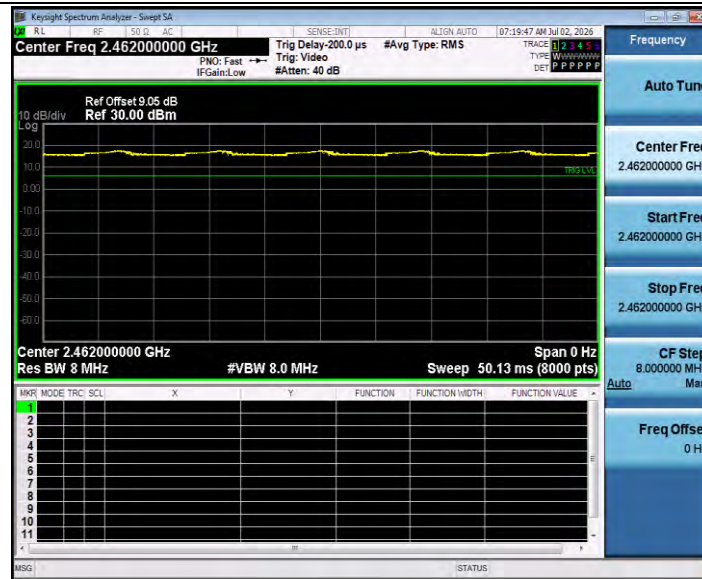
Appendix C.7: Duty Cycle

Test Result

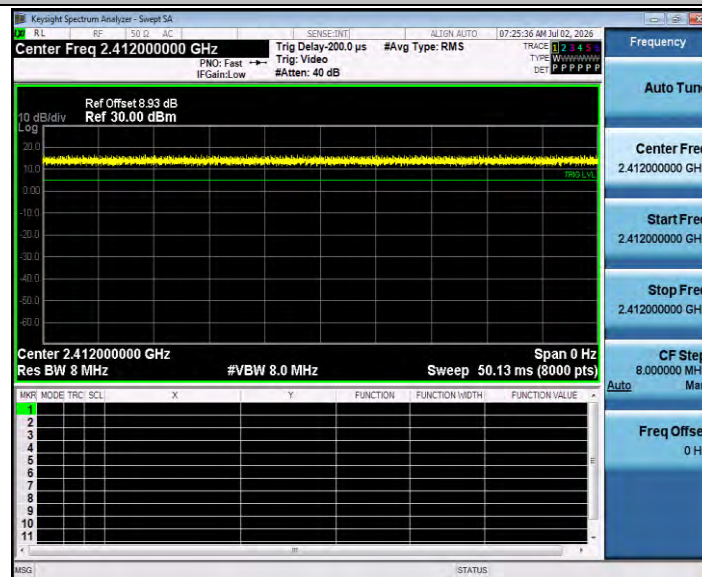
TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor [KHz]
11B	Ant1	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11G	Ant1	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11N20SISO	Ant1	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11N40SISO	Ant1	2422	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2452	50.00	50.00	100.00	0.00	0.02

Test Graphs

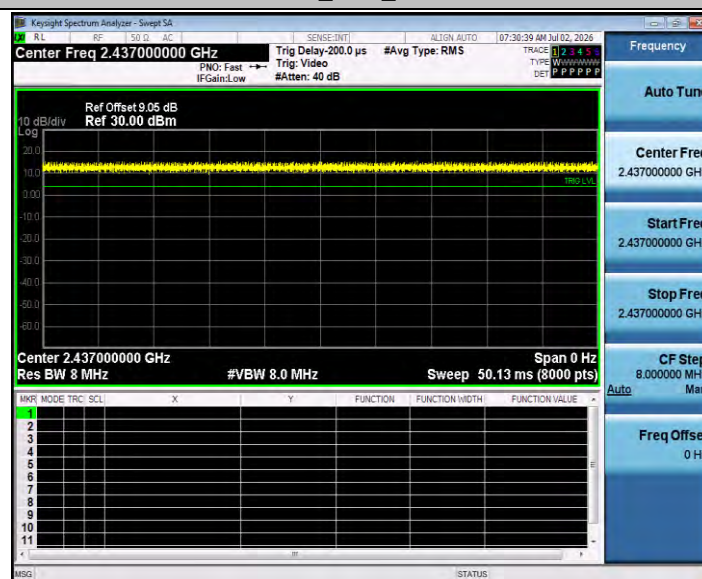




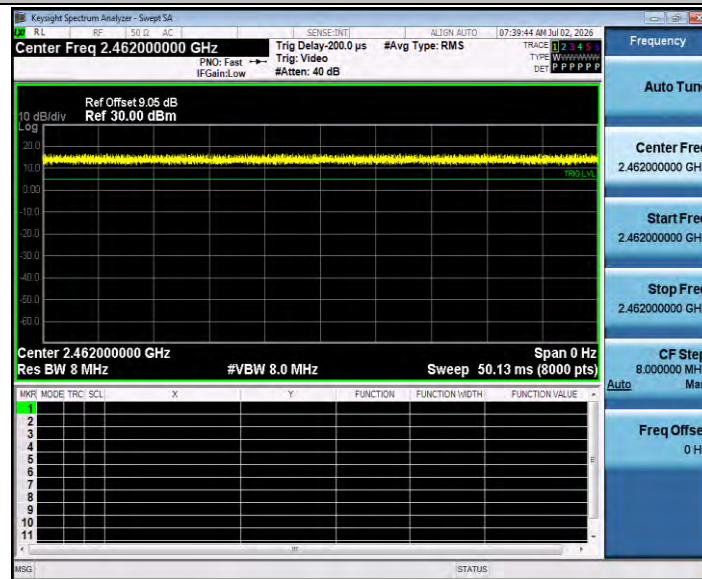
11G_Ant1_2412



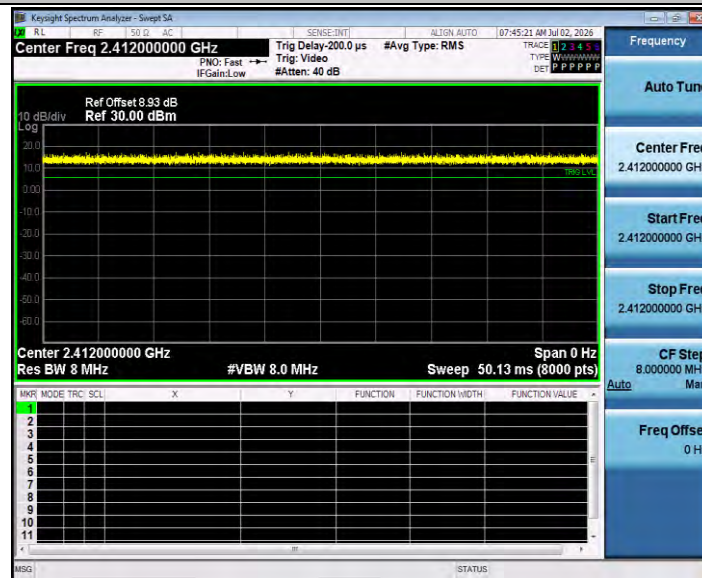
11G_Ant1_2437



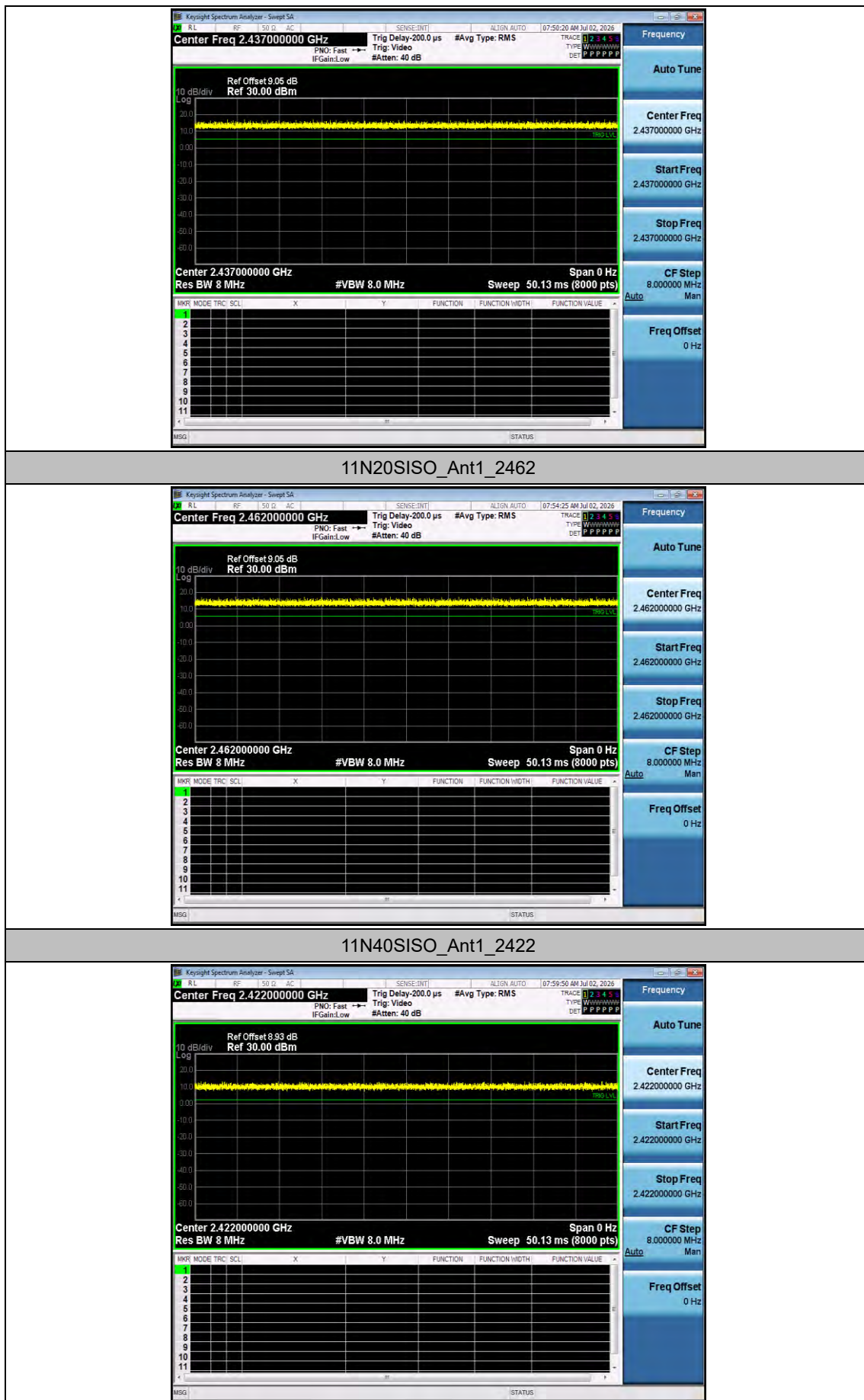
11G_Ant1_2462



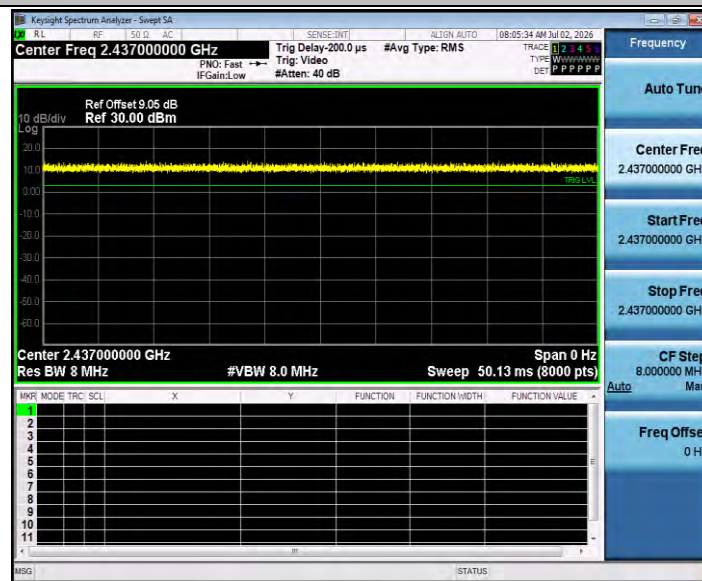
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

